

**Proceedings of the American Academy of Arts and Sciences**

**VOL. 83, No. 2, P. 23-94 — JANUARY, 1954**

**WINTER NUMBER**

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# American Academy of Arts and Sciences

28 Newbury Street, Boston 16

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*Section 4* — JOSEPH HUDNUT<sup>5</sup>

<sup>4</sup>Term expires May, 1954.

<sup>5</sup>Term expires May, 1955.

<sup>6</sup>Term expires May, 1956.

<sup>7</sup>Term expires May, 1957.

## STANDING COMMITTEES

### The House Committee

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#### Class I

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REED C. ROLLINS<sup>5</sup>

<sup>4</sup>Term expires May, 1954.

<sup>5</sup>Term expires May, 1955.

<sup>6</sup>Term expires May, 1956.



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### The Rumford Committee

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EUGENE M. LANDIS<sup>4</sup>

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L. R. CLEVELAND<sup>6</sup>

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GEORGE H. EDGELL<sup>6</sup>

<sup>4</sup>Term expires May, 1954.

<sup>5</sup>Term expires May, 1955.

<sup>6</sup>Term expires May, 1956.

## SPECIAL COMMITTEES ACTIVE DURING 1953-1954

### Committee on the Conference on the Validation of Scientific Theories

PHILIPP FRANK, *Chairman*

HERBERT FEIGL  
GERALD J. HOLTON  
HENRY MARGENAU

ROBERT K. MERTON  
RAYMOND J. SEEGER  
RICHARD H. SHRYOCK

### Committee on Franklin's 250th Anniversary

HARLOW SHAPLEY, *Chairman*

I. BERNARD COHEN

WALTER M. WHITEHILL

### Committee on the History of Activities of the Federal Government in Science

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WILLIAM F. OGBURN

ARTHUR M. SCHLESINGER  
RICHARD H. SHRYOCK

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KARL W. DEUTSCH

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FREDERICK M. ELIOT  
PAUL C. MANGELSDORF

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EDWARD S. CASTLE

FREDERICK J. STARE  
EARL P. STEVENSON

### Committee on Science and Values

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PHILIPP FRANK  
ROY G. HOSKINS  
HENRY A. MURRAY

LASZLO TISZA  
ROBERT ULICH  
GEORGE WALD

### Committee on the Teaching Profession

HOWARD M. JONES, *Chairman*

FRANCIS KEPPEL

ROBERT ULICH

### Committee on Unity of Science

PHILIPP FRANK, *Chairman*

PERCY W. BRIDGMAN  
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HUDSON HOAGLAND

HARLOW SHAPLEY  
B. F. SKINNER  
S. S. STEVENS

# LIST OF THE FELLOWS AND FOREIGN HONORARY MEMBERS

(Corrected to January 1, 1954)

## FELLOWS — 1028

(Number limited to thirteen hundred fifty)

*The year of election is indicated in the left margin, the century being omitted; thus 21 means 1921, 95 means 1895. When a Fellow resigned and was re-elected, the year of re-election is indicated in the ordinary way, the year of election is enclosed in square brackets. The year of election of an Associate, now a Fellow, is indicated by round brackets.*

### CLASS I — MATHEMATICAL AND PHYSICAL SCIENCES — 316

#### SECTION 1 — Mathematics — 32

32	Clarence Raymond Adams	Providence, R. I.
47	Howard Hathaway Aiken	Cambridge, Mass.
17	Raymond Clare Archibald	Providence, R. I.
46	John Landes Barnes	Fullerton, Cal.
32	Albert Arnold Bennett	Providence, R. I.
51	Stefan Bergman	Stanford, Cal.
45	Garrett Birkhoff	Cambridge, Mass.
13	Julian Lowell Coolidge	Cambridge, Mass.
15	Leonard Eugene Dickson	Joliet, Ill.
33	Jesse Douglas	Brooklyn, New York
34	Griffith Conrad Evans	Berkeley, Cal.
30	Philip Franklin	Belmont, Mass.
32	Einar Hille	New Haven, Conn.
49	Witold Hurewicz	Cambridge, Mass.
38	E (Ivin) Morton Jellinek	Geneva, Switzerland
45	Norman Levinson	Belmont, Mass.
51	Chia-Chiao Lin	Cambridge, Mass.
53	George Whitelaw Mackey	Cambridge, Mass.
44	Saunders MacLane	Chicago, Ill.
48	William Ted Martin	Princeton, N. J.
29	Harold Marston Morse	Princeton, N. J.
18	Henry Bayard Phillips	Lincoln, Mass.
50	Eric Reissner	Cambridge, Mass.
52	Raphael Salem	Cambridge, Mass.

30 Dirk Jan Struik .....	Belmont, Mass.
48 Alfred Tarski .....	Berkeley, Cal.
23 Oswald Veblen .....	Princeton, N. J.
44 John von Neumann .....	Princeton, N. J.
29 Joseph Leonard Walsh .....	Cambridge, Mass.
52 Hao Wang .....	Philadelphia, Pa.
32 David Vernon Widder .....	Arlington, Mass.
48 Oscar Zariski .....	Cambridge, Mass.

CLASS I, SECTION 2 — *Physics* — 80

51 William Phelps Allis .....	Cambridge, Mass.
28 Adelbert Ames, Jr. ....	Hanover, N. H.
50 Carl David Anderson .....	Pasadena, Cal.
53 Robert Fox Bacher .....	Pasadena, Cal.
37 Kenneth Tompkins Bainbridge .....	Cambridge, Mass.
21 Samuel Jackson Barnett .....	Pasadena, Cal.
49 Jesse Wakefield Beams .....	Charlottesville, Va.
52 Bruce Hodley Billings .....	Lincoln, Mass.
50 Francis Bitter .....	Cambridge, Mass.
52 Richard Henry Bolt .....	Cambridge, Mass.
51 Gregory Breit .....	New Haven, Conn.
12 Percy Williams Bridgman .....	Cambridge, Mass.
51 Harvey Brooks .....	Cambridge, Mass.
53 Sanborn Conner Brown .....	Cambridge, Mass.
26 Walter Guyton Cady .....	Middletown, Conn.
03 George Ashley Campbell .....	Upper Montclair, N. J.
21 Leslie Lyle Campbell .....	Lexington, Va.
28 Arthur Holly Compton .....	St. Louis, Mo.
31 Karl Taylor Compton .....	Cambridge, Mass.
12 Daniel Frost Comstock .....	Lincoln, Mass.
47 Edward Uhler Condon .....	Corning, N. Y.
15 William David Coolidge .....	Schenectady, N. Y.
34 Franzo Hazlett Crawford .....	Williamstown, Mass.
13 Henry Crew .....	Evanston, Ill.
29 Clinton Joseph Davisson .....	Charlottesville, Va.
53 Martin Deutsch .....	Cambridge, Mass.
45 Robley Dunglison Evans .....	Belmont, Mass.
09 Arthur Woolsey Ewell .....	Brookline, Mass.
39 Harry Edward Farnsworth .....	Providence, R. I.
49 James Brown Fisk .....	Basking Ridge, N. J.
49 Nathaniel Herman Frank .....	Cambridge, Mass.
43 Philipp Frank .....	Cambridge, Mass.
49 Wendell Hinkle Furry .....	Cambridge, Mass.
29 Arthur Cobb Hardy .....	Wellesley, Mass.

31	George Russell Harrison	Belmont, Mass.
51	William Vermillion Houston	Houston, Texas
14	John Charles Hubbard	Washington, D. C.
17	Gordon Ferrie Hull	Hanover, N. H.
40	Frederick Vinton Hunt	Belmont, Mass.
22	Edwin Crawford Kemble	Cambridge, Mass.
44	Ronold Wyeth Percival King	Winchester, Mass.
43	Edwin Herbert Land	Cambridge, Mass.
37	Ernest Orlando Lawrence	Berkeley, Cal.
31	Robert Bruce Lindsay	Providence, R. I.
01	Theodore Lyman	Brookline, Mass.
34	Louis Williams McKeehan	New Haven, Conn.
52	Henry Margenau	New Haven, Conn.
34	Harry Rowe Mimno	Lexington, Mass.
34	Philip McCord Morse	Cambridge, Mass.
49	Hans Mueller	Cambridge, Mass.
52	Wayne Buckles Nottingham	Cambridge, Mass.
53	Brian O'Brien	Rochester, N. Y.
31	Otto Oldenberg	Cambridge, Mass.
40	J. Robert Oppenheimer	Princeton, N. J.
07	George Washington Pierce	Cambridge, Mass.
52	Robert Vivian Pound	Cambridge, Mass.
50	Edward Mills Purcell	Cambridge, Mass.
50	Norman Foster Ramsey	Cambridge, Mass.
48	Bruno Benedetto Rossi	Winchester, Mass.
48	Julian Seymour Schwinger	Boston, Mass.
53	William Shockley	Murray Hill, N. J.
27	John Clarke Slater	Cambridge, Mass.
37	George Walter Stewart	Iowa City, Ia.
46	Julius Adams Stratton	Belmont, Mass.
37	Jabez Curry Street	Belmont, Mass.
50	Laszlo Tisza	Cambridge, Mass.
50	Merle Antony Tuve	Washington, D. C.
28	Manuel Sandoval Vallarta	Mexico, D. F.
35	Robert Jemison Van de Graaff	Belmont, Mass.
34	John Hasbrouck Van Vleck	Cambridge, Mass.
44	Arthur Robert von Hippel	Weston, Mass.
35	Bertram Eugene Warren	Arlington, Mass.
53	Julian Hale Webb	Rochester, N. Y.
18	David Locke Webster	Palo Alto, Cal.
48	Victor Frederick Weisskopf	Cambridge, Mass.
50	Eugene Paul Wigner	Princeton, N. J.
11	Edwin Bidwell Wilson	Brookline, Mass.
13	Robert Williams Wood	Baltimore, Md.
49	Jerrold Reinach Zacharias	Cambridge, Mass.
41	Vladimir Kosma Zworykin	Princeton, N. J.

CLASS I, SECTION 3 — *Chemistry* — 58

26 Roger Adams	Urbana, Ill.
44 Isadore Amdur	Cambridge, Mass.
46 Paul Doughty Bartlett	Weston, Mass.
29 James Alexander Beattie	Belmont, Mass.
14 Marston Taylor Bogert	New York, N. Y.
41 Godfrey Lowell Cabot	Boston, Mass.
38 Emile Monnin Chamot	Ithaca, N. Y.
51 Robert Hugh Cole	Providence, R. I.
45 Arthur Clay Cope	Belmont, Mass.
48 Charles DuBois Coryell	Lexington, Mass.
47 Paul Clifford Cross	Seattle, Wash.
51 Paul Mead Doty	Cambridge, Mass.
33 Louis Frederick Fieser	Belmont, Mass.
50 William Francis Giaque	Berkeley, Cal.
35 Louis Harris	Belmont, Mass.
52 Lawrence Joseph Heide	Arlington, Mass.
38 Robert Casad Hockett	Concord, Mass.
52 Donald Frederick Hornig	Providence, R. I.
52 John Withers Irvine	Cambridge, Mass.
19 Frederick George Keyes	Cambridge, Mass.
52 Gilbert William King	Los Angeles, Cal.
49 John Gamble Kirkwood	New Haven, Conn.
33 George Bogdan Kistiakowsky	Cambridge, Mass.
15 Charles August Kraus	Providence, R. I.
18 Irving Langmuir	Schenectady, N. Y.
15 Warren Kendall Lewis	Newton, Mass.
49 James Joseph Lingane	Cambridge, Mass.
50 Richard Collins Lord	Cambridge, Mass.
23 Duncan Arthur MacInnes	New York, N. Y.
53 Howard Oldford McMahon	Lexington, Mass.
41 Charles Edward Kenneth Mees	Rochester, N. Y.
35 Nicholas Athanasius Milas	Belmont, Mass.
36 Avery Adrian Morton	Watertown, Mass.
19 Edward Mueller	Cambridge, Mass.
31 William Albert Noyes, Jr.	Rochester, N. Y.
45 John Lawrence Oncley	Newtonville, Mass.
49 Lars Onsager	New Haven, Conn.
44 Linus Carl Pauling	Pasadena, Cal.
52 John Dombrowski Roberts	Pasadena, Cal.
49 Eugene George Rochow	Cambridge, Mass.
28 George Scatchard	Cambridge, Mass.
32 Walter Cecil Schumb	East Milton, Mass.
53 Erwin Schwenk	Shrewsbury, Mass.
51 John Clark Sheehan	Cambridge, Mass.

15 Miles Standish Sherrill .....	Brookline, Mass.
34 Leighton Bruerton Smith .....	Beverly, Mass.
47 Clark Conkling Stephenson .....	Cambridge, Mass.
46 Walter Hugo Stockmayer .....	Weston, Mass.
53 Charles Gardner Swain .....	Cambridge, Mass.
43 Hugh Stott Taylor .....	Princeton, N. J.
38 Harold Clayton Urey .....	Chicago, Ill.
53 Arthur Andrew Vernon .....	Newton Highlands, Mass.
52 Cutler Delong West .....	Cambridge, Mass.
11 Willis Rodney Whitney .....	Schenectady, N. Y.
44 Edgar Bright Wilson, Jr. ....	Cambridge, Mass.
51 Melville Lawrence Wolfrom .....	Columbus, Ohio
48 Robert Burns Woodward .....	Cambridge, Mass.
41 Ralph Chillingworth Young .....	Arlington, Mass.

CLASS I, SECTION 4 — *Astronomy* — 21

21 Charles Greeley Abbot .....	Washington, D. C.
46 James Gilbert Baker .....	Cambridge, Mass.
39 Bart Jan Bok .....	Lexington, Mass.
50 Ira Sprague Bowen .....	Pasadena, Cal.
51 Dirk Brouwer .....	New Haven, Conn.
46 Subrahmanyan Chandrasekhar .....	Williams Bay, Wis.
38 John Charles Duncan .....	Tucson, Ariz.
49 Gerard Peter Kuiper .....	Williams Bay, Wis.
25 Willem Jacob Luyten .....	Minneapolis, Minn.
34 Donald Howard Menzel .....	Cambridge, Mass.
23 Samuel Alfred Mitchell .....	University, Va.
53 Jason John Nassau .....	East Cleveland, Ohio
43 Cecilia Payne-Gaposchkin .....	Lexington, Mass.
02 Henry Norris Russell .....	Princeton, N. J.
20 Harlow Shapley .....	Cambridge, Mass.
09 Vesto Melvin Slipher .....	Flagstaff, Ariz.
53 Lyman Spitzer .....	Princeton, N. J.
21 Joel Stebbins .....	Mt. Hamilton, Cal.
27 Harlan True Stetson .....	Fort Lauderdale, Fla.
42 Otto Struve .....	Williams Bay, Wis.
41 Fred Lawrence Whipple .....	Cambridge, Mass.

CLASS I, SECTION 5 — *Earth Sciences* — 47

Including geology, physiography, mineralogy, meteorology,  
and oceanography, etc.

41 Alan Mara Bateman .....	New Haven, Conn.
46 Roland Frank Beers .....	Dallas, Texas

38 Marland Pratt Billings	Wellesley, Mass.
42 Francis Birch	Cambridge, Mass.
21 Norman Levi Bowen	Washington, D. C.
49 Wilmot Hyde Bradley	Washington, D. C.
33 Charles Franklin Brooks	Milton, Mass.
49 Walter Herman Bucher	New York, N. Y.
48 Arthur Francis Buddington	Princeton, N. J.
45 Martin Julian Buerger	Lincoln, Mass.
12 Arthur Louis Day	Bethesda, Md.
51 Everette Lee DeGolyer	Dallas, Texas
50 Carl Owen Dunbar	New Haven, Conn.
51 (William) Maurice Ewing	Palisades, N. Y.
49 Clifford Frondel	Cambridge, Mass.
42 Russell Gibson	Tehran, Iran
49 James Gilluly	Los Angeles, Cal.
14 Louis Caryl Graton	Cambridge, Mass.
50 Beno Gutenberg	Pasadena, Cal.
50 Donnel Foster Hewett	Pasadena, Cal.
52 Henry Garrett Houghton	Cambridge, Mass.
46 Cornelius Searle Hurlbut, Jr.	Belmont, Mass.
44 Columbus O'Donnell Iselin	Woods Hole, Mass.
48 Adolph Knopf	Stanford, Cal.
25 Esper Signius Larsen, Jr.	Arlington, Va.
52 Morris Morgan Leighton	Urbana, Illinois
16 Charles Kenneth Leith	Madison, Wis.
50 Arville Irving Levorsen	Tulsa, Okla.
53 Chester Ray Longwell	New Haven, Conn.
31 George Francis McEwen	La Jolla, Cal.
49 Hugh Exton McKinstry	Cambridge, Mass.
27 Donald Hamilton McLaughlin	San Francisco, Cal.
25 Kirtley Fletcher Mather	Newton Centre, Mass.
35 Warren Judson Mead	Belmont, Mass.
17 William John Miller	Claremont, Cal.
52 Raymond Cecil Moore	Lawrence, Kansas
32 Frederick Kuhne Morris	Montgomery, Ala.
34 Walter Harry Newhouse	Chicago, Ill.
50 Thomas Brennan Nolan	Washington, D. C.
22 Austin Flint Rogers	Palo Alto, Cal.
34 Carl-Gustaf Arvid Rossby	Stockholm, Sweden
53 William Walden Rubey	Washington, D. C.
19 Waldemar Theodore Schaller	Washington, D. C.
45 Henry Crosby Stetson	Belmont, Mass.
44 Harald Ulrik Sverdrup	Oslo, Norway
53 Harry Blackmore Whittington	Cambridge, Mass.
52 Hurd Curtis Willett	Cambridge, Mass.



CLASS I, SECTION 6 — *Engineering Sciences and Technologies* — 78

06	Comfort Avery Adams	Philadelphia, Pa.
52	Walter Scott Baird	Cambridge, Mass.
33	Harold Kilbrith Barrows	Winchester, Mass.
52	Manson Benedict	Weston, Mass.
52	Leo LeRoy Beranek	Winchester, Mass.
31	Charles Harold Berry	Belmont, Mass.
41	Edward Lindley Bowles	Wellesley, Mass.
50	Gordon Stanley Brown	Cambridge, Mass.
49	Oliver Ellsworth Buckley	Maplewood, N. J.
25	Vannevar Bush	Washington, D. C.
53	George Francis Carrier	Providence, R. I.
49	Arthur Casagrande	Cambridge, Mass.
16	Emory Leon Chaffee	Belmont, Mass.
48	John Chipman	Winchester, Mass.
49	Edward Lull Cochrane	Cambridge, Mass.
50	Morris Cohen	Cambridge, Mass.
42	Samuel Cornette Collins	Belmont, Mass.
34	Otto Gustav Colbiornsen Dahl	Boston, Mass.
34	Chester Laurens Dawes	Cambridge, Mass.
34	Jacob Pieter Den Hartog	Wellesley Hills, Mass.
43	Bradley Dewey	Cambridge, Mass.
20	Theodore Harwood Dillon	Washington, D. C.
41	Charles Stark Draper	Newton, Mass.
21	William Frederick Durand	Brooklyn, N. Y.
46	Howard Wilson Emmons	Sudbury, Mass.
27	Gordon Maskew Fair	Cambridge, Mass.
48	Ivan Alexander Getting	Belmont, Mass.
32	Glennon Gilboy	Lincoln, Mass.
48	Edwin Richard Gilliland	Arlington, Mass.
32	Albert Haertlein	Watertown, Mass.
50	William Rede Hawthorne	Cambridge, England
40	Harold Locke Hazen	Belmont, Mass.
53	Albert Gordon Hill	Cambridge, Mass.
36	Murray Philip Horwood	Cambridge, Mass.
48	Hoyt Clarke Hottel	Winchester, Mass.
52	John Anthony Hrones	Cambridge, Mass.
34	Jerome Clarke Hunsaker	Boston, Mass.
49	Arthur Thomas Ippen	Cambridge, Mass.
48	Theodore von Kármán	Azusa, Cal.
37	Joseph Henry Keenan	Belmont, Mass.
50	Robert Victor Kleinschmidt	Cambridge, Mass.
23	William Henry Lawrence	Jamaica Plain, Mass.
51	Philippe Emanuel Le Corbeiller	Cambridge, Mass.
38	John Moyes Lessells	Brookline, Mass.

48 William Henry McAdams	Newton, Mass.
37 Charles Winters MacGregor	Philadelphia, Pa.
12 Lionel Simeon Marks	Cambridge, Mass.
52 Harold Somers Mickley	Belmont, Mass.
53 William MacGregor Murray	Cambridge, Mass.
49 John Torrey Norton	Cambridge, Mass.
20 Frederick Law Olmsted	Elkton, Md.
51 Egon Orowan	Cambridge, Mass.
28 Langdon Pearse	Chicago, Ill.
13 Harold Pender	Wynnewood, Pa.
30 Greenleaf Whittier Pickard	Newton Centre, Mass.
52 John Alvin Pierce	Cambridge, Mass.
51 William Prager	Providence, R. I.
41 Reinhold Rüdenberg	Belmont, Mass.
52 Ascher Herman Shapiro	Cambridge, Mass.
53 Milton Clayton Shaw	Cambridge, Mass.
48 Thomas Kilgore Sherwood	Wellesley, Mass.
50 Cyril Stanley Smith	Chicago, Ill.
39 C(arl) Richard Soderberg	Weston, Mass.
53 Percy LeBaron Spencer	Waltham, Mass.
14 Charles Milton Spofford	Boston, Mass.
53 Horton Guyford Stever	Cambridge, Mass.
49 Charles Fayette Taylor	Cambridge, Mass.
49 Edward Story Taylor	Cambridge, Mass.
[28] 44 Karl Terzaghi	Winchester, Mass.
50 John George Trump	Cambridge, Mass.
49 Hsue-Shen Tsien	Pasadena, Cal.
52 Herbert Henry Uhlig	Cambridge, Mass.
23 Edward Pearson Warner	Montreal, Que.
51 Harold Christian Weber	Milton, Mass.
48 Walter Gordon Whitman	Concord, Mass.
53 Jerome Bert Wiesner	Cambridge, Mass.
45 John Benson Wilbur	Cambridge, Mass.
40 John Wulff	Cambridge, Mass.

## CLASS II — BIOLOGICAL SCIENCES — 266

SECTION 1 — *Biophysics and Biochemistry* — 38

Including pharmacology, etc.

45 Eric Glendinning Ball	Newton Highlands, Mass.
09 Francis Gano Benedict	Machiasport, Me.
20 William T. Bovie	Fairfield, Me.
49 William Clouser Boyd	Boston, Mass.
53 John Machlin Buchanan	Cambridge, Mass.
52 Halvor Niels Christensen	Boston, Mass.

48	Carl Ferdinand Cori	St. Louis, Mo.
53	Gerty Theresa Cori	St. Louis, Mo.
48	Edward Adelbert Doisy	St. Louis, Mo.
53	Ralph Isadore Dorfman	Shrewsbury, Mass.
37	John Tileston Edsall	Dedham, Mass.
53	Conrad Arnold Elvehjem	Madison, Wis.
53	Robert Emerson	Urbana, Ill.
34	Cyrus Hartwell Fiske	Lexington, Mass.
53	Joseph Stewart Fruton	New Haven, Conn.
48	Edmund Newton Harvey	Princeton, N. J.
36	Albert Baird Hastings	Brookline, Mass.
53	Walter Lee Hughes, Jr.	Baltimore, Md.
51	Edward Calvin Kendall	Princeton, N. J.
52	George Wallace Kidder	Amherst, Mass.
49	Fritz Albert Lipmann	Boston, Mass.
53	Barbara Wharton Low	Cambridge, Mass.
42	Hermann Joseph Muller	Honolulu, Hawaii
49	John Howard Northrop	Berkeley, Cal.
53	Eugene Rabinowitch	Urbana, Ill.
52	Gerhard Schmidt	Boston, Mass.
41	Francis Otto Schmitt	Belmont, Mass.
52	Irwin W. Sizer	Cambridge, Mass.
30	Torald Hermann Sollmann	Cleveland, Ohio
45	Herman Augustus Spoehr	Palo Alto, Cal.
49	Wendell Meredith Stanley	Berkeley, Cal.
52	Fredrick John Stare	Boston, Mass.
49	James Batcheller Sumner	Ithaca, N. Y.
48	Hubert Bradford Vickery	New Haven, Conn.
48	Vincent du Vigneaud	New York, N. Y.
48	George Wald	Cambridge, Mass.
50	Ralph Walter Graystone Wyckoff	Bethesda, Md.
33	Jeffries Wyman	Paris, France

CLASS II, SECTION 2 — *Botany and Bacteriology* — 45

30	LeRoy Abrams	Palo Alto, Cal.
34	Edgar Anderson	St. Louis, Mo.
15	Irving Widmer Bailey	Cambridge, Mass.
00	Liberty Hyde Bailey	Ithaca, N. Y.
53	Henry Ives Baldwin	Hillsboro, N. H.
50	Elso Sterrenberg Barghoorn	Cambridge, Mass.
49	Lawrence Rogers Blinks	Pacific Grove, Cal.
48	Edward Sears Castle	Cambridge, Mass.
49	Jens Christian Clausen	Stanford, Cal.
46	Ralph Erskine Cleland	Bloomington, Ind.
50	Lincoln Constance	Berkeley, Cal.

16	Bradley Moore Davis	Portland, Ore.
35	Bernard Ogilvie Dodge	New York, N. Y.
41	Arthur Johnson Eames	Cienfuegas, Cuba
52	Ralph Emerson	Berkeley, Cal.
49	Katherine Esau	Davis, Cal.
12	Alexander William Evans	New Haven, Conn.
50	Adrianne Sherwood Foster	Berkeley, Cal.
44	Paul Rupert Gast	Weston, Mass.
52	Richard Hale Goodwin	New London, Conn.
52	James Gordon Horsfall	New Haven, Conn.
53	Richard Alden Howard	Storrs, Conn.
27	Ivan Murray Johnston	Jamaica Plain, Mass.
34	Donald Forsha Jones	New Haven, Conn.
40	Paul Christoph Mangelsdorf	Cambridge, Mass.
10	Winthrop John Vanleuven Osterhout	New York, N. Y.
27	George James Peirce	Palo Alto, Cal.
49	Kenneth Bryan Raper	Madison, Wis.
44	Hugh Miller Raup	Petersham, Mass.
48	William Jacob Robbins	New York, N. Y.
49	Reed Clark Rollins	Cambridge, Mass.
53	Ernest Robert Sears	Columbia, Mo.
34	Edmund Ware Sinnott	New Haven, Conn.
44	Albert Charles Smith	Washington, D. C.
34	Gilbert Morgan Smith	Palo Alto, Cal.
49	Lewis John Stadler	Columbia, Mo.
23	Elvin Charles Stakman	St. Paul, Minn.
52	George Ledyard Stebbins, Jr.	Davis, Cal.
48	William Randolph Taylor	Ann Arbor, Mich.
38	Kenneth Vivian Thimann	Cambridge, Mass.
50	Cornelis Bernardus Van Niel	Pacific Grove, Cal.
53	Frans Verdoorn	Waltham, Mass.
49	Selman Abraham Waksman	New Brunswick, N. J.
22	William Henry Weston, Jr.	Winchester, Mass.
32	Ralph Hartley Wetmore	Cambridge, Mass.

CLASS II, SECTION 3 — *Zoology* — 54

Including physical anthropology, etc.

50	Warder Clyde Allee	Gainesville, Fla.
(25) 32	Charles Foster Batchelder	Peterborough, N. H.
11	Henry Bryant Bigelow	Concord, Mass.
14	Robert Payne Bigelow	Brookline, Mass.
35	Charles Henry Blake	Lincoln, Mass.
52	Edgar John Boell	New Haven, Conn.
16	John Lewis Bremer	Boston, Mass.
33	Frank Morton Carpenter	Lexington, Mass.

00	William Ernest Castle	Berkeley, Cal.
52	George Leonard Clarke	Cambridge, Mass.
29	Lemuel Roscoe Cleveland	Jamaica Plain, Mass.
23	Manton Copeland	Brunswick, Me.
33	Alden Benjamin Dawson	Belmont, Mass.
49	Edward Wheeler Dempsey	St. Louis, Mo.
25	Samuel Randall Detwiler	New York, N. Y.
53	Theodosius Dobzhansky	New York, N. Y.
50	Leslie Clarence Dunn	New York, N. Y.
53	Tilly Edinger	Cambridge, Mass.
25	Herbert McLean Evans	Berkeley, Cal.
31	William King Gregory	New York, N. Y.
52	Donald Redfield Griffin	Cambridge, Mass.
21	Ross Granville Harrison	New Haven, Conn.
51	Caryl Parker Haskins	New York, N. Y.
36	Frederick Lee Hisaw	Belmont, Mass.
29	Leigh Hoadley	Cambridge, Mass.
24	Samuel Jackson Holmes	Berkeley, Cal.
27	Earnest Albert Hooton	Cambridge, Mass.
49	George Evelyn Hutchinson	New Haven, Conn.
53	Walter Landauer	Storrs, Conn.
17	Richard Swann Lull	New Haven, Conn.
27	Axel Leonard Melander	Riverside, Cal.
51	Charles William Metz	Philadelphia, Pa.
21	Gerrit Smith Miller	Washington, D. C.
50	Carl Richard Moore	Chicago, Ill.
49	John Spangler Nicholas	New Haven, Conn.
95	George Howard Parker	Cambridge, Mass.
21	Henry Augustus Pilsbry	Philadelphia, Pa.
50	Harold Henry Plough	Amherst, Mass.
09	Herbert Wilbur Rand	Cambridge, Mass.
23	Alfred Clarence Redfield	Woods Hole, Mass.
34	Oscar Riddle	Plant City, Fla.
37	Alfred Sherwood Romer	Cambridge, Mass.
25	Alexander Grant Ruthven	Ann Arbor, Mich.
51	Karl Patterson Schmidt	Chicago, Ill.
53	Franz Schrader	New York, N. Y.
48	George Gaylord Simpson	New York, N. Y.
52	George Davis Snell	Bar Harbor, Maine
49	Tracy Morton Sonneborn	Bloomington, Ind.
45	John Henry Welsh	Cambridge, Mass.
15	Arthur Wisswald Weyssse	Woburn, Mass.
49	James Walter Wilson	Providence, R. I.
38	George Bernays Wislocki	Milton, Mass.
48	Sewall Wright	Chicago, Ill.
45	Leland Clifton Wyman	Jamaica Plain, Mass.

CLASS II, SECTION 4—*Physiology and Experimental Psychology*—46

33 Philip Bard	Baltimore, Md.
53 Frank Ambrose Beach	New Haven, Conn.
33 John Gilbert Beebe-Center	Swampscott, Mass.
24 Edwin Garrigues Boring	Cambridge, Mass.
24 Edward Allen Boyden	Minneapolis, Minn.
32 Leonard Carmichael	Washington, D. C.
52 Leigh Edward Chadwick	Army Medical Center, Md.
27 William John Crozier	Belmont, Mass.
29 Hallowell Davis	St. Louis, Mo.
43 David Bruce Dill	Army Medical Center, Md.
31 Eugene Floyd DuBois	New York, N. Y.
48 Wallace Osgood Fenn	Rochester, N. Y.
34 John Farquhar Fulton	New Haven, Conn.
48 Herbert Spencer Gasser	New York, N. Y.
47 Arnold Lucius Gesell	New Haven, Conn.
37 Clarence Henry Graham	New York, N. Y.
50 Roy Orval Greep	Boston, Mass.
45 Edwin Ray Guthrie	Seattle, Wash.
34 Hudson Hoagland	Shrewsbury, Mass.
28 Roy Graham Hoskins	Waban, Mass.
49 Otto Krayner	Cambridge, Mass.
44 Eugene Markley Landis	Brookline, Mass.
32 Karl Spencer Lashley	Orange Park, Fla.
53 Joseph Carl Robnett Licklider	Cambridge, Mass.
52 Earl Randall Loew	Boston, Mass.
49 Cyril Norman Hugh Long	New Haven, Conn.
43 Brenton Reid Lutz	Melrose, Mass.
53 Ross Armstrong McFarland	Boston, Mass.
28 John Howard Mueller	West Roxbury, Mass.
50 Gardner Murphy	Topeka, Kansas
53 Edwin Broomell Newman	Cambridge, Mass.
39 Gregory Pincus	Worcester, Mass.
27 Frederick Haven Pratt	Wellesley Hills, Mass.
32 David Rappoport	Boston, Mass.
34 Alfred Newton Richards	Bryn Mawr, Pa.
46 Kenneth David Roeder	Concord, Mass.
52 Burrhus Frederic Skinner	Cambridge, Mass.
49 Homer William Smith	New York, N. Y.
46 Stanley Smith Stevens	Cambridge, Mass.
27 Louis Leon Thurstone	Chapel Hill, N. C.
49 Edward Chace Tolman	Berkeley, Cal.
17 John Broadus Watson	Woodbury, Conn.
50 Philip R(odney) White	Bar Harbor, Maine
51 Carroll Milton Williams	Cambridge, Mass.

- 35 Robert Sessions Woodworth ..... New York, N. Y.  
 15 Robert Mearns Yerkes ..... New Haven, Conn.

CLASS II, SECTION 5 — *Medicine* — 83

Including surgery and psychiatry, etc.

- 41 Fuller Albright ..... Brookline, Mass.  
 47 Arthur Wilburn Allen ..... Brookline, Mass.  
 49 Edwin Bennett Astwood ..... Boston, Mass.  
 32 Joseph Charles Aub ..... Belmont, Mass.  
 52 Donald Leslie Augustine ..... Boston, Mass.  
 36 Oswald Theodore Avery ..... Nashville, Tenn.  
 29 James Bourne Ayer ..... Milton, Mass.  
 (28) 32 Franklin Greene Balch ..... Jamaica Plain, Mass.  
 41 Walter Bauer ..... Waban, Mass.  
 47 David Lawrence Belding ..... Hingham, Mass.  
 50 George Packer Berry ..... Boston, Mass.  
 31 George Blumer ..... San Marino, Cal.  
 49 Herrman Ludwig Blumgart ..... Boston, Mass.  
 43 Arlie Vernon Bock ..... Cambridge, Mass.  
 36 Charles Sidney Burwell ..... Brookline, Mass.  
 48 Allan Macy Butler ..... Boston, Mass.  
 31 William Bosworth Castle ..... Brookline, Mass.  
 30 David Cheever ..... Boston, Mass.  
 48 Edward Delos Churchill ..... Belmont, Mass.  
 42 William Irving Clark ..... Worcester, Mass.  
 49 David Glendenning Cogan ..... Cambridge, Mass.  
 21 Rufus Cole ..... Mount Kisco, N. Y.  
 50 Oliver Cope ..... Boston, Mass.  
 53 Derek Ernest Denny-Brown ..... Cambridge, Mass.  
 50 Lewis Dexter ..... Boston, Mass.  
 50 Geoffrey Edsall ..... Bethesda, Md.  
 46 John Franklin Enders ..... Boston, Mass.  
 53 Jack Richard Ewalt ..... Boston, Mass.  
 49 Sidney Farber ..... Cambridge, Mass.  
 45 James Morison Faulkner ..... Brookline, Mass.  
 53 Jacob Fine ..... Cambridge, Mass.  
 44 Maxwell Finland ..... Squantum, Mass.  
 27 James Lawder Gamble ..... Brookline, Mass.  
 53 Joseph Garland ..... Boston, Mass.  
 22 Joseph Lincoln Goodale ..... Ipswich, Mass.  
 49 Harry Sylvestre Nutting Greene ..... New Haven, Conn.  
 50 Alan Gregg ..... Big Sur, Cal.  
 49 Robert Edward Gross ..... Boston, Mass.

32 William Healy .....	Clearwater, Fla.
51 Philip Showalter Hench .....	Rochester, Minn.
49 Arthur Tremain Hertig .....	Cambridge, Mass.
47 Sanford Burton Hooker .....	Bradford, Vt.
49 Charles Brenton Huggins .....	Chicago, Ill.
34 Henry Jackson, Jr. ....	Chestnut Hill, Mass.
46 Charles Alderson Janeway .....	Weston, Mass.
12 Elliott Proctor Joslin .....	Boston, Mass.
43 Chester Scott Keefer .....	Brookline, Mass.
23 Roger Irving Lee .....	Brookline, Mass.
42 Samuel Albert Levine .....	Newton Centre, Mass.
29 Edwin Allen Locke .....	Wilton, N. H.
49 Robert Frederick Loeb .....	New York, N. Y.
44 William Malamud .....	Boston, Mass.
[27] 50 James Howard Means .....	Boston, Mass.
35 Karl Friedrich Meyer .....	San Francisco, Cal.
34 Leroy Matthew Simpson Miner .....	Newtonville, Mass.
52 Francis Daniels Moore .....	Boston, Mass.
28 William Lorenzo Moss .....	Athens, Ga.
50 Ira Theodore Nathanson .....	Boston, Mass.
51 John Rodman Paul .....	New Haven, Conn.
27 Joseph Hersey Pratt .....	Brookline, Mass.
50 Samuel Proger .....	Boston, Mass.
35 Tracy Jackson Putnam .....	Beverly Hills, Cal.
47 Francis Minot Rackemann .....	Boston, Mass.
48 John Rock .....	Roslindale, Mass.
53 Joseph Foster Ross .....	Boston, Mass.
34 Arthur Hiler Ruggles .....	Providence, R. I.
52 Arnold Max Seligman .....	Newton Centre, Mass.
33 George Cheever Shattuck .....	Brookline, Mass.
47 James Stevens Simmons .....	Boston, Mass.
47 Richard Mason Smith .....	Boston, Mass.
50 John Crayton Snyder .....	Boston, Mass.
52 Harry Caesar Solomon .....	Boston, Mass.
47 Merrill Clary Sosman .....	Chestnut Hill, Mass.
51 Nathan Bill Talbot .....	Boston, Mass.
52 Carl TenBroeck .....	Bar Harbor, Me.
46 Siegfried Josef Thannhauser .....	Brookline, Mass.
44 George Widmer Thorn .....	Cambridge, Mass.
14 Ernest Edward Tyzzer .....	Wakefield, Mass.
14 Frederick Herman Verhoeff .....	Brookline, Mass.
47 Shields Warren .....	West Newton, Mass.
27 Joseph Treloar Wearn .....	Cleveland, O.
40 Paul Dudley White .....	Brookline, Mass.
12 S(imeon) Burt Wolbach .....	South Sudbury, Mass.



## CLASS III — SOCIAL ARTS AND SCIENCES — 236

SECTION 1 — *Social Relations* — 33

Including human geography and cultural anthropology, clinical  
and social psychology, etc.

43	Augusta Fox Bronner (Mrs. William Healy)	Clearwater, Fla.
31	Henry Addington Bruce	Hartford, Conn.
45	Edwin Sharp Burdell	New York, N. Y.
43	Carleton Stevens Coon	Devon, Pa.
41	Carl Rupp Doering	Norman, Okla.
51	John Dollard	New Haven, Conn.
53	John William Gardner	New York, N. Y.
33	Sheldon Glueck	Cambridge, Mass.
51	Clinton Strong Golden	Solebury, Pa.
53	Francis Keppel	Cambridge, Mass.
44	Clyde Kay Maben Kluckhohn	Cambridge, Mass.
12	Alfred Louis Kroeber	Berkeley, Cal.
51	Paul Felix Lazarsfeld	New York, N. Y.
34	Robert Morison MacIver	New York, N. Y.
50	Mark Arthur May	New Haven, Conn.
48	Margaret Mead	New York, N. Y.
50	Robert King Merton	New York, N. Y.
51	George Peter Murdock	New Haven, Conn.
35	Henry Alexander Murray, Jr.	Boston, Mass.
32	William Fielding Ogburn	Chicago, Ill.
53	Douglas Llewellyn Oliver	Cambridge, Mass.
45	Talcott Parsons	Belmont, Mass.
33	Carroll Cornelius Pratt	Princeton, N. J.
50	Robert Redfield	Chicago, Ill.
31	Pitirim Alexandrovich Sorokin	Winchester, Mass.
53	Leslie Spier	Santa Cruz, Cal.
26	Herbert Joseph Spinden	Carmel, N. Y.
50	Samuel Andrew Stouffer	Cambridge, Mass.
34	Lewis Madison Terman	Palo Alto, Cal.
53	Fletcher Guard Watson	Cambridge, Mass.
35	Derwent Stainthorpe Whittlesey	Cambridge, Mass.
53	Frederick Roelker Wulsin	Medford, Mass.
34	Carle Clark Zimmerman	Winchester, Mass.

CLASS III, SECTION 2 — *Economics* — 40

36	James Waterhouse Angell	New York, N. Y.
48	Richard Mervin Bissell	Washington, D. C.
36	James Cummings Bonbright	New York, N. Y.
49	Lloyd DeWitt Brace	Boston, Mass.
44	Douglass Vincent Brown	Brookline, Mass.

46 Theodore Henry Brown	Cambridge, Mass.
34 John Maurice Clark	Westport, Conn.
48 William Lockhart Clayton	Houston, Tex.
28 Arthur Harrison Cole	Cambridge, Mass.
51 James Frederic Dewhurst	New York, N. Y.
32 Arthur Stone Dewing	Newton, Mass.
32 Wallace Brett Donham	Cambridge, Mass.
50 Paul Howard Douglas	Washington, D. C.
36 Fred Rogers Fairchild	Hamden, Conn.
34 Ralph Evans Freeman	Cambridge, Mass.
34 Edgar Stephenson Furniss	New Haven, Conn.
52 John Kenneth Galbraith	Cambridge, Mass.
50 Carter Goodrich	New York, N. Y.
41 Earl Jefferson Hamilton	Evanston, Ill.
45 Seymour Edwin Harris	West Acton, Mass.
52 Paul Gray Hoffman	Los Angeles, Cal.
48 Bishop Carleton Hunt	Norwell, Mass.
34 Frank Hyneman Knight	Chicago, Ill.
32 Walter Wallace McLaren	Englewood Cliffs, N. J.
45 William Rupert Maclaurin	Cambridge, Mass.
32 Leon Carroll Marshall	Chevy Chase, Md.
32 Frederick Cecil Mills	New York, N. Y.
34 Arthur Eli Monroe	Cambridge, Mass.
34 Edwin Griswold Nourse	Chevy Chase, Md.
42 William Andrew Paton	Ann Arbor, Mich.
37 Clyde Orval Ruggles	Cambridge, Mass.
42 Paul Anthony Samuelson	Belmont, Mass.
43 Benjamin Morris Selekmán	Cambridge, Mass.
49 Philip Taft	Providence, R. I.
37 Harry Rudolph Tosdal	Belmont, Mass.
31 Donald Skeele Tucker	Belmont, Mass.
34 Jacob Viner	Princeton, N. J.
38 T(homas) North Whitehead	Cambridge, Mass.
36 Joseph Henry Willits	New York, N. Y.
34 Leo Wolman	New York, N. Y.

CLASS III, SECTION 3 — *Political Science* — 29

51 Roger Nash Baldwin	New York, N. Y.
52 Alan Barth	Washington, D. C.
51 Ralph Johnson Bunche	United Nations, N. Y.
40 Robert Granville Caldwell	Mexico City, Mexico
52 Charles Richards Cherington	Cambridge, Mass.
33 Robert Treat Crane	Baltimore, Md.
52 John Henshaw Crider	New York, N. Y.
52 Robert Eugene Cushman	Ithaca, N. Y.

53 Karl Wolfgang Deutsch	Cambridge, Mass.
52 Thomas Hopkinson Eliot	St. Louis, Mo.
50 Merle Fainsod	Cambridge, Mass.
44 Carl Joachim Friedrich	Concord, Mass.
50 James William Fulbright	Washington, D. C.
50 John Merriman Gaus	Cambridge, Mass.
49 Leland Matthew Goodrich	New York, N. Y.
49 (Edward) Pendleton Herring	New York, N. Y.
27 Arthur Norman Holcombe	Cambridge, Mass.
32 Philip Carryl Jessup	New York, N. Y.
52 George Frost Kennan	Washington, D. C.
53 Boris Mirkine Guetzévitch	New York, N. Y.
13 William Bennett Munro	Pasadena, Cal.
52 Norman Judson Padelford	Cambridge, Mass.
52 Margaret Chase Smith	Washington, D. C.
46 Harold Walter Stoke	Seattle, Wash.
44 Sarah Wambaugh	Cambridge, Mass.
51 Leonard Dupee White	Chicago, Ill.
32 William Franklin Willoughby	Washington, D. C.
27 Quincy Wright	Chicago, Ill.
33 Henry Aaron Yeomans	Cambridge, Mass.

## CLASS III, SECTION 4 — Law — 35

(24) 32 Francis Noyes Balch	Jamaica Plain, Mass.
36 Stoughton Bell	Cambridge, Mass.
44 Adolf Augustus Berle, Jr.	New York, N. Y.
36 Claude Raymond Branch	Boston, Mass.
46 Harvey Hollister Bundy	Boston, Mass.
48 Charles Allerton Coolidge	Belmont, Mass.
49 John Cobb Cooper	Princeton, N. J.
38 Robert Gray Dodge	Boston, Mass.
49 John Wells Farley	Boston, Mass.
40 Lon Louvois Fuller	Cambridge, Mass.
39 Herbert Funk Goodrich	Philadelphia, Pa.
33 Theodore Francis Green	Providence, R. I.
38 Frank Washburn Grinnell	Boston, Mass.
41 Erwin Nathaniel Griswold	Belmont, Mass.
39 John Loomer Hall	Boston, Mass.
39 Augustus Noble Hand	New York, N. Y.
33 Learned Hand	New York, N. Y.
39 Albert James Harno	Urbana, Ill.
52 William Henry Hastie	Philadelphia, Pa.
49 Charles Antone Horsky	Washington, D. C.
49 Phillips Ketchum	Cambridge, Mass.
38 James McCauley Landis	Rye, N. Y.

32 Sayre Macneil	Los Angeles, Cal.
32 Calvert Magruder	Cambridge, Mass.
50 Thomas Harrison Mahony	Boston, Mass.
51 Harold Medina	Foley Square, N. Y.
31 William DeWitt Mitchell	New York, N. Y.
31 Edmund Morris Morgan	Nashville, Tenn.
47 John Lord O'Brian	Washington, D. C.
01 George Wharton Pepper	Philadelphia, Pa.
11 Roscoe Pound	Watertown, Mass.
36 Stanley Elroy Qua	Lowell, Mass.
21 Austin Wakeman Scott	Cambridge, Mass.
53 Peter Woodbury	Manchester, N. H.
43 Charles Edward Wyzanski, Jr.	Cambridge, Mass.

CLASS III, SECTION 5 — *Administration and Affairs* — 99

Including diplomacy, etc.

(25) 32 Charles Francis Adams	Concord, Mass.
53 John Adams	Boston, Mass.
53 Thomas Boylston Adams	South Lincoln, Mass.
46 Chester M. Alter	Denver, Colo.
53 Samuel Tomlinson Arnold	Providence, R. I.
47 George Pierce Baker	Boston, Mass.
39 Chester Irving Barnard	New York, N. Y.
49 Bancroft Beatley	Boston, Mass.
36 Howard Landis Bevis	Columbus, O.
49 S(amuel) Bruce Black	Boston, Mass.
49 Detlev Wulf Bronk	Washington, D. C.
53 Sevellon Ledyard Brown	Providence, R. I.
47 Thomas Dudley Cabot	Weston, Mass.
48 Erwin Dain Canham	Newton, Mass.
32 William Richards Castle	Washington, D. C.
47 William Henry Claflin, Jr.	Belmont, Mass.
52 Margaret Clapp	Wellesley, Mass.
49 Paul Foster Clark	Boston, Mass.
53 John Phillips Coolidge	Cambridge, Mass.
50 William Terry Couch	New York, N. Y.
48 Robert Cutler	Boston, Mass.
42 Donald Kirk David	Boston, Mass.
50 Saville Rogers Davis	Boston, Mass.
46 John Sloan Dickey	Hanover, N. H.
53 Ernest Stanley Dodge	Salem, Mass.
50 Charles Dollard	New York, N. Y.
52 David Dubinsky	New York, N. Y.
46 David Frank Edwards	Cambridge, Mass.
48 Carl Stephens Ell	Newton, Mass.

(28) 32 William Lusk Webster Field	Milton, Mass.
39 Ralph Edward Flanders	Springfield, Vt.
27 William Cameron Forbes	Norwood, Mass.
38 Horace Sayford Ford	Belmont, Mass.
44 Raymond Blaine Fosdick	New York, N. Y.
53 Edward Sanborn French	Springfield, Vt.
52 Frank Porter Graham	New York, N. Y.
48 Francis Calley Gray	Boston, Mass.
51 Crawford Hallock Greenewalt	Wilmington, Del.
32 Joseph Clark Grew	Washington, D. C.
51 Alfred Whitney Griswold	New Haven, Conn.
52 Jacob George Harrar	New York, N. Y.
50 William Averell Harriman	Washington, D. C.
50 Christian Archibald Herter	Boston, Mass.
49 Harold Daniel Hodgkinson	Boston, Mass.
44 Ernest Martin Hopkins	Hanover, N. H.
33 Halford Lancaster Hoskins	Washington, D. C.
36 Ernest Hamlin Huntress	Melrose Highlands, Mass.
52 Harrison Keller	Boston, Mass.
34 Henry Plimpton Kendall	Sharon, Mass.
44 James Rhyne Killian, Jr.	Wellesley Hills, Mass.
48 David Eli Lilienthal	New York, N. Y.
49 Walter Lippmann	Washington, D. C.
34 Clarence Cook Little	Bar Harbor, Me.
47 Milton Edward Lord	Boxford, Mass.
47 Ralph Lowell	Westwood, Mass.
49 Louis Martin Lyons	Cambridge, Mass.
36 Malcolm Perrine McNair	Cambridge, Mass.
42 Daniel L. Marsh	Boston, Mass.
34 Richard Stockton Meriam	South Lincoln, Mass.
45 Keyes DeWitt Metcalf	Belmont, Mass.
45 Henry Allen Moe	New York, N. Y.
43 Ada (Comstock) Notestein	New Haven, Conn.
52 Christopher Hallowell Phillips	Washington, D. C.
47 William Phillips	North Beverly, Mass.
02 Herbert Putnam	Washington, D. C.
51 William McNear Rand	Lincoln, Mass.
50 Helen Rogers Reid	New York, N. Y.
52 Walter Philip Reuther	Detroit, Mich.
47 Fritz Jules Roethlisberger	Cambridge, Mass.
49 Arthur Grinnell Rotch	Boston, Mass.
51 Abram Leon Sachar	Waltham, Mass.
53 William Gurdon Saltonstall	Exeter, N. H.
32 Francis Bowes Sayre	Tokyo, Japan
34 Erwin Haskell Schell	Cambridge, Mass.
35 Henry Lee Shattuck	Boston, Mass.

37 Henry Southworth Shaw .....	Westbrook, Maine
50 George Nauman Shuster .....	New York, N. Y.
48 Alfred Pritchard Sloan, Jr. ....	New York, N. Y.
49 George A. Sloan .....	New York, N. Y.
(28) 32 Payson Smith .....	Orono, Maine
46 Huntley Nowell Spaulding .....	Rochester, N. H.
33 Albert Warren Stearns .....	Billerica, Mass.
53 Adlai Ewing Stevenson .....	Springfield, Ill.
52 Earl Place Stevenson .....	Cambridge, Mass.
46 Robert Burgess Stewart .....	Winchester, Mass.
50 Arthur Hays Sulzberger .....	New York, N. Y.
53 Vernon Dale Tate .....	Cambridge, Mass.
50 William Webster .....	Wellesley, Mass.
47 Sumner Welles .....	Oxon Hill, Md.
51 Walter Muir Whitehill .....	Boston, Mass.
49 Carroll Louis Wilson .....	Washington, D. C.
44 Charles Edward Wilson .....	New York, N. Y.
48 Howard Eugene Wilson .....	New York, N. Y.
50 Thomas James Wilson .....	Cambridge, Mass.
41 Laurence Leathe Winship .....	South Sudbury, Mass.
50 Benjamin Fletcher Wright .....	Northampton, Mass.
48 Henry Merritt Wriston .....	Providence, R. I.
(25) 32 Benjamin Loring Young .....	Weston, Mass.
39 Owen D. Young .....	Van Hornesville, N. Y.

## CLASS IV — HUMANITIES — 210

SECTION 1 — *Philosophy and Theology* — 34

38 Julius Seelye Bixler .....	Waterville, Me.
46 Brand Blanshard .....	New Haven, Conn.
50 Victor Lloyd Butterfield .....	Middletown, Conn.
48 Rudolph Carnap .....	Princeton, N. J.
52 Harold Claude Case .....	Boston, Mass.
36 Robert Pierce Casey .....	Providence, R. I.
24 James Bryant Conant .....	Bonn, Germany
33 Curt John Ducasse .....	Providence, R. I.
43 Angus Dun .....	Washington, D. C.
52 Irwin Edman .....	New York, N. Y.
48 Frederick May Eliot .....	Cambridge, Mass.
38 James Everett Frame .....	Princeton, N. J.
53 Theodore Meyer Greene .....	New Haven, Conn.
50 John LaFarge .....	New York, N. Y.
29 Clarence Irving Lewis .....	Princeton, N. J.
42 Richard Peter McKeon .....	Chicago, Ill.
52 Charles William Morris .....	Chicago, Ill.
47 Lewis Mumford .....	Amenia, N. Y.

48 Thomas Munro .....	Cleveland, O.
48 Arthur Edward Murphy .....	Ithaca, N. Y.
47 Norman Burdett Nash .....	Boston, Mass.
32 Arthur Darby Nock .....	Cambridge, Mass.
51 Filmer Sears Cuckow Northrop .....	New Haven, Conn.
17 Charles Edwards Park .....	Boston, Mass.
49 Willard Van Orman Quine .....	Oxford, England
50 Herbert Wallace Schneider .....	New York, N. Y.
31 Henry Knox Sherrill .....	New York, N. Y.
51 Walter Terence Stace .....	Princeton, N. J.
29 Russell Henry Stafford .....	Hartford, Conn.
45 Charles Lincoln Taylor .....	Cambridge, Mass.
50 Paul Johannes Tillich .....	New York, N. Y.
41 Robert Ulich .....	Cambridge, Mass.
53 George Hunston Williams .....	Cambridge, Mass.
53 John Joseph Wright .....	Worcester, Mass.

CLASS IV, SECTION 2 — *History and Archaeology* — 58

41 Warren Ortman Ault .....	Waban, Mass.
28 James Phinney Baxter, 3d .....	Williamstown, Mass.
50 Herbert Bloch .....	Cambridge, Mass.
52 John Otis Brew .....	Cambridge, Mass.
46 Clarence Saunders Brigham .....	Worcester, Mass.
53 Lyman Henry Butterfield .....	Williamsburg, Va.
50 Helen Maud Cam .....	Cambridge, Mass.
34 Clarence Gordon Campbell .....	New York, N. Y.
52 I. Bernard Cohen .....	Cambridge, Mass.
48 Charles Woolsey Cole .....	Amherst, Mass.
49 Merle (Eugene) Curti .....	Madison, Wis.
44 William Bell Dinsmoor .....	New York, N. Y.
38 Claude Moore Fuess .....	Chestnut Hill, Mass.
50 Hetty Goldman .....	Princeton, N. J.
50 Louis Gottschalk .....	Chicago, Ill.
49 Mason Hammond .....	Cambridge, Mass.
53 George Maxim Anossov Hanfmann .....	Cambridge, Mass.
49 James Blaine Hedges .....	Providence, R. I.
43 Hugh O'Neill Hencken .....	Chestnut Hill, Mass.
14 Bert Hodge Hill .....	Athens, Greece
53 Henry Russell Hitchcock .....	Northampton, Mass.
41 Hajo Holborn .....	Hamden, Conn.
47 Wilbur Kitchener Jordan .....	Cambridge, Mass.
50 Michael Karpovich .....	Cambridge, Mass.
48 Carl Tilden Keller .....	Boston, Mass.
53 Alfred Vincent Kidder .....	New York, N. Y.
53 William Leonard Langer .....	Cambridge, Mass.

44	Ambrose Lansing	New York, N. Y.
49	Kenneth Scott Latourette	New Haven, Conn.
32	Waldo Gifford Leland	Newton, Mass.
41	William E. Lingelbach	Philadelphia, Pa.
44	Elias Avery Lowe	Princeton, N. J.
36	Dumas Malone	New York, N. Y.
35	Benjamin Dean Meritt	Princeton, N. J.
38	Stewart Mitchell	Boston, Mass.
53	Robert Earle Moody	Boston, Mass.
15	Samuel Eliot Morison	Boston, Mass.
52	Hallam Leonard Movius, Jr.	Cambridge, Mass.
46	Otto Eduard Neugebauer	Providence, R. I.
51	Allan Nevins	New York, N. Y.
53	Elliott Perkins	Cambridge, Mass.
34	Robert Henry Pfeiffer	Cambridge, Mass.
53	Philip Phillips	Cambridge, Mass.
50	Conyers Read	Philadelphia, Pa.
34	David Moore Robinson	University, Miss.
38	Bernadotte Everly Schmitt	Alexandria, Va.
52	France Vinton Scholes	Albuquerque, N. M.
36	Donald Scott	Cambridge, Mass.
38	Charles Seymour	New Haven, Conn.
52	Clifford Kenyon Shipton	Worcester, Mass.
49	Richard Harrison Shryock	Baltimore, Md.
32	Charles Holt Taylor	Cambridge, Mass.
51	Lily Ross Taylor	Rome, Italy
11	Alfred Marston Tozzer	Cambridge, Mass.
53	Warren Stenson Tryon	Boston, Mass.
39	Henry Rouse Viets	Brookline, Mass.
52	Gordon Randolph Willey	Cambridge, Mass.
49	Louis Booker Wright	Washington, D. C.

CLASS IV, SECTION 3 — *Philology and Criticism* — 57

Including linguistics, literary and art scholarship, etc.

48	Bernard Bloch	New Haven, Conn.
33	Campbell Bonner	Ann Arbor, Mich.
52	Peter Boodberg	Berkeley, Cal.
21	Carl Darling Buck	Chicago, Ill.
49	Millar Burrows	New Haven, Conn.
42	Henry Joel Cadbury	Cambridge, Mass.
49	Oscar James Campbell	New York, N. Y.
48	Yuen Ren Chao	Berkeley, Cal.
20	Walter Eugene Clark	La Jolla, Cal.
46	William George Constable	Cambridge, Mass.
32	Ronald Salmon Crane	Chicago, Ill.



44 Henry Grattan Doyle	Washington, D. C.
20 Franklin Edgerton	Laramie, Wyo.
52 John Peterson Elder	Cambridge, Mass.
40 Serge Elisséeff	Cambridge, Mass.
18 Edward Waldo Forbes	Cambridge, Mass.
14 Jeremiah Denis Mathias Ford	Cambridge, Mass.
16 Louis Herbert Gray	New York, N. Y.
25 William Chase Greene	Cambridge, Mass.
13 Charles Burton Gulick	Scarsdale, N. Y.
53 Eric Alfred Havelock	Cambridge, Mass.
31 Raymond Dexter Havens	Baltimore, Md.
18 George Lincoln Hendrickson	New Haven, Conn.
50 William Mills Ivens, Jr.	Woodbury, Conn.
40 Werner Wilhelm Jaeger	Watertown, Mass.
50 Roman Jakobson	Cambridge, Mass.
38 Howard Mumford Jones	Cambridge, Mass.
32 (Ralph) Hayward Keniston	Ann Arbor, Mich.
33 Hans Kurath	Ann Arbor, Mich.
39 Henry Carrington Lancaster	Baltimore, Md.
52 George Sherman Lane	Chapel Hill, N. C.
53 Paul Henry Lang	New York, N. Y.
52 Wolf Leslau	Cambridge, Mass.
50 Harry Tuchman Levin	Cambridge, Mass.
33 Ivan Mortimer Linforth	Berkeley, Cal.
31 Kenneth Ballard Murdock	Boston, Mass.
28 William Albert Nitze	Los Angeles, Cal.
48 Erwin Panofsky	Princeton, N. J.
33 Howard Rollin Patch	Northampton, Mass.
53 Simon Rawidowicz	Waltham, Mass.
11 Fred Norris Robinson	Cambridge, Mass.
38 Hyder Edward Rollins	Cambridge, Mass.
35 Henry Arthur Sanders	Ann Arbor, Mich.
52 Meyer Schapiro	New York, N. Y.
53 Heinrich Schneider	Cambridge, Mass.
45 George Wiley Sherburn	Middlebury, Vt.
50 Charles Southward Singleton	Cambridge, Mass.
45 Taylor Starck	Cambridge, Mass.
49 Archer Taylor	Berkeley, Cal.
32 William Thomson	South Lincoln, Mass.
11 Charles Cutler Torrey	New Haven, Conn.
47 William Freeman Twaddell	Providence, R. I.
48 Berthold Louis Ullman	Chapel Hill, N. C.
51 Charles Frederick Voegelin	Bloomington, Ind.
30 Ernest Hatch Wilkins	Newton Centre, Mass.
51 Edgar Wind	Northampton, Mass.
33 Harry Austryn Wolfson	Cambridge, Mass.

CLASS IV, SECTION 4 — *Fine Arts and Belles Lettres* — 61

53	Lawrence Bernhardt Anderson	Cambridge, Mass.
43	Leonard Bacon	Peace Dale, R. I.
52	Alfred Hamilton Barr, Jr.	New York, N. Y.
52	Pietro Belluschi	Cambridge, Mass.
51	Leonard Bernstein	New York, N. Y.
50	E. Power Biggs	Cambridge, Mass.
32	(William) Welles Bosworth	Paris, France
49	Van Wyck Brooks	Bridgewater, Conn.
50	John Nicholas Brown	Providence, R. I.
50	John Ely Burchard	Cambridge, Mass.
47	Richard Burgin	Brookline, Mass.
45	Samuel Chamberlain	Marblehead, Mass.
53	John Ciardi	New Brunswick, N. J.
32	Chalmers Dancy Clifton	New York, N. Y.
49	Robert Peter Tristram Coffin	Brunswick, Me.
32	Kenneth John Conant	New York, N. Y.
51	Aaron Copland	Ossining, N. Y.
47	John Roderigo Dos Passos	Westmoreland County, Va.
49	William Addison Dwiggins	Hingham, Mass.
32	George Harold Edgell	Cambridge, Mass.
21	William Emerson	Cambridge, Mass.
49	Esther Forbes	Worcester, Mass.
31	Robert Frost	Ripton, Vt.
44	Walter Gropius	Lincoln, Mass.
48	Bartlett Harding Hayes, Jr.	Andover, Mass.
53	Roland Hayes	Brookline, Mass.
31	Robert Silliman Hillyer	Newark, Delaware
27	Charles Hopkinson	Manchester, Mass.
12	Mark Antony DeWolfe Howe	Boston, Mass.
38	Joseph Hudnut	Waterville, Maine
18	Archer Milton Huntington	Bethel, Conn.
45	William Alexander Jackson	Cambridge, Mass.
52	Gyorgy Kepes	Cambridge, Mass.
42	Otto Kinkeldey	New York, N. Y.
53	Oliver LaFarge	Santa Fe, N. M.
49	Jack Levine	New York, N. Y.
53	David Thompson Watson McCord	Cambridge, Mass.
21	Charles Donagh Maginnis	Brookline, Mass.
31	Paul Manship	New York, N. Y.
53	Agnes Mongan	Cambridge, Mass.
44	Charles Rufus Morey	Princeton, N. J.
50	Charles Munch	Boston, Mass.
53	Robert Treat Paine, Jr.	Cambridge, Mass.
41	Walter Hamor Piston, Jr.	Belmont, Mass.

49 Lucien Price .....	Boston, Mass.
53 John Crowe Ransom .....	Gambier, Ohio
53 Rudolph Ruzicka .....	Concord, Mass.
22 Paul Joseph Sachs .....	Cambridge, Mass.
50 Charles Henry Sawyer .....	New Haven, Conn.
14 Ellery Sedgwick .....	Beverly, Mass.
19 Henry Dwight Sedgwick .....	Dedham, Mass.
48 Bruce Simonds .....	Hamden, Conn.
39 Francis Henry Taylor .....	New York, N. Y.
43 Randall Thompson .....	Cambridge, Mass.
52 Lionel Trilling .....	New York, N. Y.
51 Robert Penn Warren .....	New Haven, Conn.
46 Edward Augustus Weeks, Jr. ....	Boston, Mass.
39 Karl Ephraim Weston .....	Williamstown, Mass.
51 George Frisbie Whicher .....	Amherst, Mass.
52 Elwyn Brooks White .....	New York, N. Y.
46 William Wilson Wurster .....	Berkeley, Cal.

## FELLOWS EMERITI — 56

## CLASS I — MATHEMATICAL AND PHYSICAL SCIENCES — 15

SECTION 1 — *Mathematics* — 1

15 Frank Lauren Hitchcock .....	Locust Valley, N. Y.
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CLASS I, SECTION 2 — *Physics* — 2

39 Lyman James Briggs .....	Washington, D. C.
12 Maurice deKay Thompson .....	Boston, Mass.

CLASS I, SECTION 3 — *Chemistry* — 4

19 Arthur Alphonso Blanchard .....	Brookline, Mass.
40 William Lloyd Evans .....	Columbus, O.
15 George Shannon Forbes .....	Cambridge, Mass.
32 Kenneth Lamartine Mark .....	Boston, Mass.

CLASS I, SECTION 5 — *Earth Sciences* — 4

09 Reginald Aldworth Daly .....	Cambridge, Mass.
34 Sterling Price Fergusson .....	Milton, Mass.
[03] 44 Charles Palache .....	Charlottesville, Va.
11 Hervey Woodburn Shimer .....	Hingham, Mass.

CLASS I, SECTION 6 — *Engineering Sciences and Technologies* — 4

45 Hardy Cross .....	New Haven, Conn.
32 Ralph Restieaux Lawrence .....	Belmont, Mass.

- 14 Samuel Cate Prescott ..... Brookline, Mass.  
 19 Robert Seaton Williams ..... Belmont, Mass.

## CLASS II — BIOLOGICAL SCIENCES — 10

SECTION 1 — *Biophysics and Biochemistry* — 2

- 28 John Wymond Miller Bunker ..... Belmont, Mass.  
 22 Thorne Martin Carpenter ..... Westwood, Mass.

CLASS II, SECTION 2 — *Botany and Bacteriology* — 3

- 40 Albert Francis Blakeslee ..... Northampton, Mass.  
 29 Joseph Horace Faull ..... Cambridge, Mass.  
 21 Elmer Drew Merrill ..... Jamaica Plain, Mass.

CLASS II, SECTION 3 — *Zoology* — 1

- 15 Charles Thomas Brues ..... Newtonville, Mass.

CLASS II, SECTION 4 — *Physiology and Experimental Psychology* — 1

- 15 Alexander Forbes ..... Milton, Mass.

CLASS II, SECTION 5 — *Medicine* — 3

- 25 Robert Bayley Osgood ..... Boston, Mass.  
 32 Frederick Fuller Russell ..... Louisville, Ky.  
 30 Fritz Bradley Talbot ..... Wianno, Mass.

## CLASS III — SOCIAL ARTS AND SCIENCES — 8

SECTION 1 — *Social Relations* — 2

- 28 Walter Fenno Dearborn ..... Cambridge, Mass.  
 32 Henry Wyman Holmes ..... Cambridge, Mass.

CLASS III, SECTION 2 — *Economics* — 2

- 32 William James Cunningham ..... Cambridge, Mass.  
 33 Abbott Payson Usher ..... Salem, Mass.

CLASS III, SECTION 4 — *Law* — 2

- 50 Zechariah Chafec, Jr. .... Cambridge, Mass.  
 38 Melvin Maynard Johnson ..... Brookline, Mass.

CLASS III, SECTION 5 — *Administration and Affairs* — 2

- 35 Jerome Davis Greene ..... Cambridge, Mass.  
 36 Clair Elsmere Turner ..... Arlington, Mass.

## CLASS IV — THE HUMANITIES — 23

SECTION 1 — *Philosophy and Theology* — 4

- 30 William Henry Paine Hatch ..... Exeter, N. H.  
 21 William Ernest Hocking ..... Madison, N. H.  
 27 Willard Learoyd Sperry ..... Cambridge, Mass.  
 28 Henry Bradford Washburn ..... Cambridge, Mass.

CLASS IV, SECTION 2 — *History and Archaeology* — 7

- 49 Gilbert Chinard ..... Princeton, N. J.  
 31 Sidney Bradshaw Fay ..... Cambridge, Mass.  
 21 William Scott Ferguson ..... Cambridge, Mass.  
 22 George La Piana ..... Auburndale, Mass.  
 20 Charles Howard McIlwain ..... Auburndale, Mass.  
 27 George Sarton ..... Cambridge, Mass.  
 41 Gaetano Salvemini ..... Cambridge, Mass.

CLASS IV, SECTION 3 — *Philology and Criticism* — 7

- 48 George Raleigh Coffman ..... Newton, Mass.  
 38 Richmond Laurin Hawkins ..... Cambridge, Mass.  
 17 William Guild Howard ..... Cambridge, Mass.  
 32 Ernest Felix Langley ..... Cambridge, Mass.  
 32 Arthur Stanley Pease ..... Cambridge, Mass.  
 33 George Benson Weston ..... Cambridge, Mass.  
 22 Charles Henry Conrad Wright ..... Cambridge, Mass.

CLASS IV, SECTION 4 — *Fine Arts and Belles Lettres* — 5

- 41 Archibald Thompson Davison ..... Lincoln, Mass.  
 29 Edward Burlingame Hill ..... Francestown, N. H.  
 21 Chandler Rathfon Post ..... Cambridge, Mass.  
 [35] 44 Walter Raymond Spalding ..... Cambridge, Mass.  
 45 Martin Wagner ..... Cambridge, Mass.

## FOREIGN HONORARY MEMBERS — 143

(Number limited to one hundred and fifty)

## CLASS I — MATHEMATICAL AND PHYSICAL SCIENCES — 43

SECTION 1 — *Mathematics* — 6

- 50 Henri Paul Cartan ..... Paris, France  
 39 Arnaud Denjoy ..... Paris, France  
 34 Ronald Aylmer Fisher ..... Cambridge, England  
 20 Jacques Salomon Hadamard ..... Paris, France  
 15 Charles Jean de la Vallée Poussin ..... Uccle-Brussels, Belgium  
 29 Hermann Weyl ..... Princeton, N. J.

CLASS I, SECTION 2 — *Physics* — 13

45 Niels Bohr	Copenhagen, Denmark
50 Sir John Douglas Cockcroft	Harwell, England
50 Paul Adrien Maurice Dirac	Cambridge, England
24 Albert Einstein	Princeton, N. J.
29 James Franck	Chicago, Ill.
52 Cornelis Jacobus Gorter	Leiden, Holland
29 Abram F. Joffé	Leningrad, U. S. S. R.
50 Wolfgang Ernst Pauli	Zürich, Switzerland
47 Meghnad N. Saha	Calcutta, India
50 Erwin Schrödinger	Dublin, Ireland
52 Franz Eugen Simon	Oxford, England
47 Sir George Paget Thomson	Cambridge, England
48 Max Felix Theodor von Laue	Berlin-Dahlem, Germany

CLASS I, SECTION 3 — *Chemistry* — 8

27 Peter Debye	Ithaca, N. Y.
33 Jaroslav Heyrovsky	Prague, Czechoslovakia
51 Sir Cyril (Norman) Hinshelwood	Oxford, England
33 Friedrich Adolf Paneth	Durham, England
48 Sir Robert Robinson	Oxford, England
38 Leopold Ruzicka	Zürich, Switzerland
48 Theodor Svedberg	Uppsala, Sweden
29 Heinrich Wieland	Munich, Germany

CLASS I, SECTION 4 — *Astronomy* — 5

27 Ejnar Hertzsprung	Villavej, Denmark
46 Bertil Lindblad	Stockholm, Sweden
46 Jan Hendrik Oort	Leiden, Holland
47 G. A. Shajn	Simeis, U. S. S. R.
45 Sir Harold Spencer-Jones	Sussex, England

CLASS I, SECTION 5 — *Earth Sciences* — 6

36 Sir Edward Victor Appleton	Edinburgh, Scotland
36 Raoul Blanchard	Grenoble, France
29 Léon William Collet	Geneva, Switzerland
34 Arthur Holmes	Edinburgh, Scotland
22 Emmanuel de Margerie	Paris, France
47 Wong Wen-hao	Nanking, China

CLASS I, SECTION 6 — *Engineering Sciences and Technologies* — 5

46 Clarence Decatur Howe	Ottawa, Ontario
34 Luigi Lombardi	Rome, Italy
50 Adolph Meyer	Baden, Switzerland
29 Emil Probst	Oxford, England
31 Karl Willy Wagner	Friedrichsdorf, Germany

## CLASS II — BIOLOGICAL SCIENCES — 33

SECTION 1 — *Biophysics and Biochemistry* — 8

51	Sir Charles (Robert) Harington	London, England
50	George De Hevesy	Copenhagen, Denmark
34	Archibald Vivian Hill	London, England
50	Kaj Ulrik Linderström-Lang	Copenhagen, Denmark
50	Hendrik Gunnar Lundegardh	Uppsala, Sweden
50	Rudolph Albert Peters	Oxford, England
50	Axel Hugo Teodor Theorell	Stockholm, Sweden
53	Arne Tiselius	Uppsala, Sweden

CLASS II, SECTION 2 — *Botany and Bacteriology* — 9

48	P. Boysen-Jensen	Copenhagen, Denmark
46	Carl Rudolf Florin	Stockholm, Sweden
53	Albert Jan Kluyver	Delft, Holland
47	P. Maheshwari	Dacca, India
42	Lorenzo Raimundo Parodi	Buenos Aires, Argentina
47	Alf Erling Persild	Ottawa, Ontario
29	Otto Renner	Jena, Germany
35	Sir William Wright Smith	Edinburgh, Scotland
51	Claude (Wilson) Wardlaw	Manchester, England

CLASS II, SECTION 3 — *Zoology* — 5

20	Maurice Caullery	Paris, France
38	Emmanuel Fauré-Frémiet	Paris, France
48	Archibald Gowanlock Huntsman	Toronto, Ontario
33	Sir Arthur Keith	London, England
53	David Meredith Seares Watson	London, England

CLASS II, SECTION 4 — *Physiology and Experimental Psychology* — 8

38	Edgar Douglas Adrian	Cambridge, England
48	Charles Herbert Best	Toronto, Ontario
27	Henry Hallett Dale	London, England
52	Karl von Frisch	Graz, Austria
41	Bernado Alberto Houssay	Buenos Aires, Argentina
28	Wolfgang Köhler	Swarthmore, Pa.
37	Henri Piéron	Paris, France
47	Sir Godfrey Hilton Thomson	Edinburgh, Scotland

CLASS II, SECTION 5 — *Medicine* — 3

39	Sir Aldo Castellani	Lisbona, Portugal
52	James Bertram Collip	London, Ontario
50	Wilder Graves Penfield	Montreal, Quebec

## CLASS III — SOCIAL ARTS AND SCIENCES — 35

SECTION 1—*Social Relations* — 2

- 52 Alfonso Caso Andrade ..... Mexico, D. F.  
 38 B. Seebohm Rowntree ..... North Dean, Bucks, England

CLASS III, SECTION 2 — *Economics* — 9

- 32 Arthur Lyon Bowley ..... Haslemere, Surrey, England  
 39 Henry Clay ..... Oxford, England  
 44 Daniel Cosío Villegas ..... Mexico, D. F.  
 52 Geoffrey Crowther ..... London, England  
 35 Luigi Einaudi ..... Rome, Italy  
 32 Ralph George Hawtrey ..... London, England  
 28 Arthur Cecil Pigou ..... Cambridge, England  
 32 Charles Rist ..... Versailles, France  
 45 Dennis Holme Robertson ..... Cambridge, England

CLASS III, SECTION 3 — *Political Science* — 3

- 48 José d'Almada ..... Lisbon, Portugal  
 45 Alfredo Lorenzo Palacios ..... Buenos Aires, Argentina  
 49 Sir Alfred Zimmern ..... Springfield, Mass.

CLASS III, SECTION 4 — *Law* — 11

- 44 Victor Andres Belaunde ..... Lima, Peru  
 47 Paal Berg ..... Oslo, Norway  
 33 François Géný ..... Nancy, France  
 38 Arthur Lehman Goodhart ..... Oxford, England  
 33 Hans Kelsen ..... Berkeley, Cal.  
 33 Juljusz Makarewicz ..... Lwów, Poland  
 48 Léon Julliot de la Morandière ..... Paris, France  
 38 Kenzo Takayanagi ..... Tokyo, Japan  
 33 Giorgio Del Vecchio ..... Rome, Italy  
 38 Baron Wright (Robert Alderson Wright) .... Burbage, Wilts, England  
 38 John C. H. Wu ..... Vatican City, Italy

CLASS III, SECTION 5 — *Administration and Affairs* — 10

- 38 Heinrich Brüning ..... Cologne, Germany  
 46 Winston Churchill ..... London, England  
 32 Paul Claudel ..... Paris, France  
 50 Herbert Vere Evatt ..... Canberra, Australia  
 32 Hu Shih ..... Peiping, China  
 50 Trygve Halvdan Lie ..... Lake Success, N. Y.  
 51 Charles Habib Malik ..... New York, N. Y.  
 50 Jawaharlal Nehru ..... New Delhi, India



- 50 Paul-Henri Spaak ..... Brussels, Belgium  
 50 Sir Stanley Unwin ..... London, England

## CLASS IV — THE HUMANITIES — 32

SECTION 1 — *Philosophy and Theology* — 4

- 50 Karl Barth ..... Basel, Switzerland  
 29 Etienne Gilson ..... Toronto, Ontario  
 46 Francisco Romero ..... Buenos Aires, Argentina  
 50 Sir William David Ross ..... Oxford, England

CLASS IV, SECTION 2 — *History and Archaeology* — 7

- 33 Rafael Altamira y Crevea ..... Madrid, Spain  
 50 George Norman Clark ..... Oxford, England  
 33 Friedrich Meinecke ..... Berlin-Dahlem, Germany  
 50 John Ernest Neale ..... London, England  
 40 Nils Martin Persson Nilsson ..... Lund, Sweden  
 51 Henry Ernest Sigerist ..... Pura, Switzerland  
 49 Arnold Joseph Toynbee ..... Oxford, England

CLASS IV, SECTION 3 — *Philology and Criticism* — 14

- 36 Marcel Aubert ..... Paris, France  
 48 Jean-Marie Carré ..... Paris, France  
 47 Hamilton Alexander Rosskeen Gibb ..... Oxford, England  
 47 Joseph Klausner ..... Jerusalem, Palestine  
 36 Paul Kretschmer ..... Vienna, Austria  
 32 Paul Mazon ..... Paris, France  
 17 Ramón Menéndez Pidal ..... Madrid, Spain  
 27 (George) Gilbert (Aimé) Murray ..... Oxford, England  
 50 Roger Aubrey Baskerville Mynors ..... Cambridge, England  
 45 Tomás Navarro ..... New York, N. Y.  
 48 Jan Hendrik Scholte ..... Amsterdam, Holland  
 49 Levin Ludwig Schücking ..... Erlangen, Bavaria, Germany  
 32 Frederick William Thomas ..... Bodicote nr. Banbury, England  
 31 George Macaulay Trevelyan ..... Cambridge, England

CLASS IV, SECTION 4 — *Fine Arts and Belles Lettres* — 7

- 40 Fernand Baldensperger ..... Paris, France  
 40 Paul Hindemith ..... New Haven, Conn.  
 49 Oscar Niemeyer ..... Rio de Janeiro, Brazil  
 41 Jean Julius Christian Sibelius ..... Helsinki, Finland  
 40 Igor Stravinsky ..... Hollywood, Cal.  
 52 Jaime Torres Bodet ..... Paris, France  
 50 Rebecca West ..... Ibstone, Bucks, England

## ALPHABETICAL INDEX TO LISTS OF MEMBERS

The letters F, FE and FHM refer to the lists of Fellows, Fellows Emeriti and Foreign Honorary Members, respectively. The class and section are indicated by the numerals following.

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| Albright, F. F, II:5            | Barnes, J. L. F, I:1        |
| Allee, W. C. F, II:3            | Barnett, S. J. F, I:2       |
| Allen, A. W. F, II:5            | Barr, A. H., Jr. F, IV:4    |
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| d'Almada, J. FHM, III:3         | Barth, A. F, III:3          |
| Altamira y Crevea, R. FHM, IV:2 | Barth, K. FHM, IV:1         |
| Alter, C. M. F, III:5           | Bartlett, P. D. F, I:3      |
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| Astwood, E. B. F, II:5          | Beers, R. F. F, I:5         |
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 Blumer, G. F, II:5  
 Blumgart, H. L. F, II:5  
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 Boell, E. J. F, II:3  
 Bogert, M. T. F, I:3  
 Bohr, N. FHM, I:2  
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 Bolt, R. H. F, I:2  
 Bonbright, J. C. F, III:2  
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 Bowen, I. S. F, I:4  
 Bowen, N. L. F, I:5  
 Bowles, E. L. F, I:6  
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Wright, Q. F, III:3  
Wright, S. F, II:3  
Wriston, H. M. F, III:5  
Wu, J. C. H. FHM, III:4  
Wulff, J. F, I:6  
Wulsin, F. R. F, III:1  
Wurster, W. W. F, IV:4  
Wyckoff, R. W. G. F, II:1  
Wyman, J. F, II:1  
Wyman, L. C. F, II:3  
Wyzanski, C. E., Jr. F, III:4  
Yeomans, H. A. F, III:3  
Yerkes, R. M. F, II:4  
Young, B. L. F, III:5  
Young, O. D. F, III:5  
Young, R. C. F, I:3  
Zacharias, J. R. F, I:2  
Zariski, O. F, I:1  
Zimmerman, C. C. F, III:1  
Zimmern, Sir A. FHM, III:3  
Zworykin, V. K. F, I:2

## STATUTES

### THE AMERICAN ACADEMY OF ARTS AND SCIENCES

*Adopted November 8, 1911: amended May 8, 1912, January 8, and May 14, 1913, April 14, 1915, April 12, 1916, April 10, 1918, May 14, 1919, February 8, April 12, and December 13, 1922, February 14, March 14, and October 10, 1923, March 10, 1926, May 9, 1928, April 8, and November 11, 1931, April 12, 1933, February 14, 1934, December 14, 1938, January 11, April 12, 1939, May 8, 1940, May 14, 1941, November 18, 1942, and January 12, 1944, May 9, 1945, November 14, 1945, February 2, 1946, October 9, 1946, October 8, 1947, March 9, 1949, October 11, 1950, March 14, 1951, May 14, 1952, and January 14, 1953.*

## CHAPTER I

### THE ACADEMY AND ITS CORPORATE SEAL

ARTICLE 1. The American Academy of Arts and Sciences is a body politic and corporate by the same name, forever, established by the Council and House of Representatives in General Court of the Province of Massachusetts Bay as recorded in Chap. 46 of the Acts of 1779.

ARTICLE 2. As enacted above, the stated end and design of the institution of the said Academy is to promote and encourage the knowledge of the antiquities of America, and of the natural history of the country, and to determine the uses to which the various natural productions of the country may be applied; to promote and encourage medical discoveries, mathematical disquisitions, philosophical enquiries and experiments, astronomical, meteorological and geographical observations; and improvements in agriculture, arts, manufacture and commerce; and, in fine, to cultivate every art and science which may tend to advance the interest, honor, dignity and happiness of a free, independent and virtuous people.

ARTICLE 3. The Corporate Seal of the Academy shall be as here depicted.





ARTICLE 4. The Secretary shall have the custody of the Corporate Seal.

*See* Chap. v, art. 3; chap. vi, art. 1.

## CHAPTER II

### MEMBERSHIP AND DUES

ARTICLE 1. The Academy shall consist of Fellows, elected from the citizens or residents of the United States of America, Fellows Emeriti, and Foreign Honorary Members. They are arranged in four Classes, according to the Arts and Sciences in which they are severally proficient. Each Class shall be divided into the several Sections shown in the following table.

CLASS I. MATHEMATICAL AND PHYSICAL SCIENCES

Section 1. Mathematics

2. Physics
3. Chemistry
4. Astronomy
5. Earth Sciences<sup>1</sup>
6. Engineering Sciences and Technologies

CLASS II. BIOLOGICAL SCIENCES

Section 1. Biophysics and Biochemistry<sup>2</sup>

2. Botany and Bacteriology
3. Zoology<sup>3</sup>
4. Physiology and Experimental Psychology
5. Medicine<sup>4</sup>

CLASS III. SOCIAL ARTS AND SCIENCES

Section 1. Social Relations<sup>5</sup>

2. Economics
3. Political Science
4. Law
5. Administration and Affairs<sup>6</sup>

CLASS IV. HUMANITIES

Section 1. Philosophy and Theology

2. History and Archaeology
3. Philology and Criticism<sup>7</sup>
4. Fine Arts and Belles Lettres

<sup>1</sup>Including geology, physiography, mineralogy, meteorology, and oceanography, etc.

<sup>2</sup>Including pharmacology, etc.

<sup>3</sup>Including physical anthropology, etc.

<sup>4</sup>Including surgery and psychiatry, etc.

<sup>5</sup>Including human geography and cultural anthropology, clinical and social psychology, etc.

<sup>6</sup>Including diplomacy, etc.

<sup>7</sup>Including linguistics, literary and art scholarship, etc.

ARTICLE 2. The number of Fellows shall not exceed thirteen hundred fifty, of whom not more than two-thirds shall be residents of New England. The number of Fellows in the four Classes, I through IV, shall be approximately in the ratio of 6: 5: 5: 4, respectively.

Any Fellow of the Academy on retiring from his academic or other regular duties may, if he so requests in writing, and with the approval of the Council, be transferred to the status of Fellow Emeritus.

Fellows Emeriti shall be exempt from payment of dues. They may not hold elective office in the Academy, nor serve on Standing Committees, nor vote at meetings, but shall have all the other privileges of Fellowship.

Fellows Emeriti shall be separately classified and shall be outside the statutory limit set on the total number of Fellows and the number in a given Class.

*See Chap. ix, art. 3; chap. x, art. 1.*

ARTICLE 3. The number of Foreign Honorary Members shall not exceed one hundred and fifty. They shall be chosen from citizens of foreign countries who are eminent for their discoveries or attainments in any of the Classes above enumerated. There shall be not more than forty-five in any one Class.

ARTICLE 4. Diplomas signed by the President and the Vice-President of the Class to which the member belongs, and countersigned by the Secretary, shall be given to Fellows and Foreign Honorary Members.

ARTICLE 5. If any person, after being notified of his election as Fellow or Foreign Honorary Member, shall neglect for six months to accept in writing, his election shall be void.

ARTICLE 6. Every Fellow resident within fifty miles of Boston hereafter elected shall pay an admission fee of ten dollars: if he shall neglect to pay this fee within six months of the date of his election, his election shall become void. Fellows resident more than fifty miles of Boston shall pay no admission fee.

Every Fellow resident within fifty miles of Boston shall pay, unless he enjoys statutory exemption, such Annual Dues, not exceeding fifteen dollars, as shall be voted annually in March by the Academy. These shall become due on the first of June.

Every Fellow residing more than fifty miles from Boston elected after 1938 shall pay, unless he enjoys statutory exemption, such Annual Dues, not exceeding five dollars, as shall be voted annually in March by the Academy. These shall become due on the first of June.

ARTICLE 7. Exemption from further payment of Annual Dues shall be granted by the Council or its designate to any Fellow who has paid such dues, at either resident or non-resident rate, for forty years; or having attained the age of seventy-five, has paid dues for twenty-five years.

Exemption from further payment of Annual Dues shall be granted forthwith by the Council or its designate to any Fellow who pays into the treasury of the Academy the sum of two hundred dollars for the purpose of commuting subsequent dues, in addition to his previous payments.

ARTICLE 8. Any Fellow, resident or non-resident, who shall neglect to pay his Annual Dues for six months after they are due and who ignores notification by the Treasurer of the requirements of this Article of the Statutes shall cease to be a Fellow.

ARTICLE 9. Upon petition of any Fellow, the Council may by a majority vote suspend the application of any penalties hereinabove prescribed in this chapter for an additional period of time not longer than three months.

ARTICLE 10. Only Fellows who pay Annual Dues or are exempted from further payment by commutation of dues or otherwise as set forth in Article 7 of this Chapter may hold elective office in the Academy or serve on Standing Committees as specified in Chapter XI, or vote at meetings.

ARTICLE 11. If, in the opinion of a majority of the entire Council, any Fellow or Foreign Honorary Member shall have rendered himself unworthy of a place in the Academy, the Council shall recommend to the Academy the termination of his membership; and if three-fourths of the Fellows present out of a total attendance of not less than fifty at a Stated Meeting, or at a Special Meeting called for the purpose, shall adopt this recommendation, his name shall be stricken from the Roll.

*See* Chap. iii; chap. vi, art. 5 and 6; chap. x, art. 1.

## CHAPTER III

NOMINATION AND ELECTION OF FELLOWS AND FOREIGN  
HONORARY MEMBERS

The procedure for nomination and election of Fellows and Foreign Honorary Members shall be as follows:

ARTICLE 1. Nominations may be made at any time by any two Fellows in writing on forms to be provided by the Secretary and shall be referred by him to the Committee on Membership.

The Committee on Membership shall meet following the stated meetings of the Academy in May, November, February and March, and at such other times as it may determine, to appraise nominations received by it from the Fellows from time to time, to originate further nominations, and to approve as candidates for election those receiving the favorable vote of two-thirds of the committee members present in any meeting attended by not less than five of its members.

Immediately following its meeting in February, the Committee shall cause to be sent to every Fellow a list of nominees, with biographical and professional data thereon, together with names of nominators, for appraisal, expression of preference, or other comment by the Fellows.

The Committee, at its March meeting, shall review all nominations, together with comments by the Fellows thereon, and shall compile a list of approved candidates for the annual election of Fellows and Foreign Honorary Members. It shall present this list together with data pertaining thereto to the Council not later than at the Stated Meeting of the Council in April.

The Council, by vote of the majority of members present at a meeting, shall make final nominations from the list of approved persons recommended by the Committee on Membership for election by the Fellows.

ARTICLE 2. Election of Fellows and Foreign Honorary Members shall be made by a majority of the Fellows present at the Annual Meeting in May, from the nominations presented at that meeting by the Council.

ARTICLE 3. Each Fellow-elect or Foreign Honorary Member-elect shall immediately following his election be notified thereof in writing by the Secretary.

See Chap. ii; chap. vi, art. 5; chap. x, art. 1; chap. xi, art. 1 (ii).

## CHAPTER IV

### OFFICERS

ARTICLE 1. The Officers of the Academy shall be a President (who shall be Chairman of the Council), four Vice-Presidents (one from each Class), a Secretary (who shall be Secretary of the Council), a Treasurer, a Librarian, and an Editor, all of whom shall be elected by ballot at the Annual Meeting, and shall take office at the close of that meeting, and shall hold their respective offices for one year, and until others are duly chosen and take office.

There shall be also twenty Councillors, one for each Section of each Class; at each Annual Meeting five Councillors shall be elected by ballot to serve for a term of four years, and they shall take office at the close of that meeting and shall hold office until others are duly chosen and take office. The same Fellow shall not be eligible for two successive terms.

The Councillors, with the officers previously named, and the Chairmen of the Standing Committees, *ex officio*, shall constitute the Council.

See Chap. xi, art. 1.

ARTICLE 2. If any officer be unable, through death, absence, or disability, to fulfill the duties of his office, or if he shall resign, his place may be filled by the Council in its discretion for any part or the whole of the unexpired term.

ARTICLE 3. The Nominating Committee, as constituted under Chapter XI, Article 1 (xi), shall prepare a list of nominees for the several offices to be filled, and for the Standing Committees, and file it with the Secretary not later than eight weeks before the Annual Meeting.

The Secretary shall transmit to the Fellows, previous to the stated meeting in April, the report of the Nominating Committee.

ARTICLE 4. Independent nominations for any office, if signed by at least twenty Fellows having the right to vote, and received by the Secretary not less than twenty days before the Annual Meeting, shall be included in the election procedure.

ARTICLE 5. The Secretary shall prepare for use in voting at the Annual Meeting a ballot containing the names of all persons duly nominated for office.

## CHAPTER V

### THE PRESIDENT

ARTICLE 1. The President, or in his absence a Vice-President, shall preside at meetings of the Academy.

*See Chap. vi, art. 3.*

ARTICLE 2. The President shall be the chief executive officer of the Academy. He shall present to the Council for its consideration all matters pertinent to the interests of the Academy and to the discharge of its obligations to the community or to the advancement of scholarship.

ARTICLE 3. Any deed or writing to which the Corporate Seal is to be affixed, except leases of real estate, shall be executed in the name of the Academy by the President or in the event of his death, absence, or inability, by one of the Vice-Presidents, when thereto duly authorized by the Council.

ARTICLE 4. In case of incapacity of the President, the Council shall designate a Vice-President to carry out the duties of the office.

*See Chap. ii, art. 4; chap. iv, art. 1, 3; chap. vi, art. 3; chap. viii, art. 4; chap. x, art. 3; chap. xi, art. 1 (ii), (iii), (x); chap. xii, art. 1.*

## CHAPTER VI

### THE SECRETARY

ARTICLE 1. The Secretary shall provide for the custody of the Charter, Corporate Seal, Statute Book, Journals of the Academy, and other Archives.

ARTICLE 2. He shall be responsible for the correspondence of the Academy and of the Council. At each meeting of the Council he shall present any important communications addressed to the Academy which have been received since the previous meeting, and at the next meeting of the Academy he shall present such matters as the Council may determine.

ARTICLE 3. He shall attend the meetings of the Academy and the Council and shall arrange for the keeping of a faithful record of the attendance and of the proceedings. In the absence of the President and of all the Vice-Presidents, he shall call the meeting to order and preside until a chairman is chosen by majority vote of the Fellows present.

ARTICLE 4. He shall apprise officers and committees of their election or appointment, and inform the Treasurer and the Chairman of each Standing Committee of appropriations of money voted by the Academy.

ARTICLE 5. He shall notify all persons who may be elected Fellows or Foreign Honorary Members, send to each a copy of the Statutes, and on their acceptance issue the proper Diploma. After all elections, he shall insert in the Records the names of the Fellows by whom the successful nominees were proposed.

ARTICLE 6. He shall keep and cause to be printed annually a list of the Fellows and Foreign Honorary Members, arranged in their several Classes and Sections, and a list of Fellows and Foreign Honorary Members of whose deaths he has been informed.

ARTICLE 7. He shall arrange for the preservation of records of the death of Fellows and Foreign Honorary Members and biographical notices published on the occasion of their death, or at other times.

*See* Chap. i, art. 2; chap. ii, art. 4; chap. iii; chap. iv, art. 1, 3, 4, 5; chap. ix, art. 3; chap. xi, art. 1 (iii), 2; chap. xii, art. 1, 3.

## CHAPTER VII

## THE TREASURER AND THE TREASURY

ARTICLE 1. The Treasurer shall collect all money due or payable to the Academy and all gifts or bequests made to it. He shall pay all bills due and payable by the Academy when approved by the proper officers. He shall sign all leases of real estate in the name of the Academy. He shall be the official custodian of all bonds, stocks and other securities and, with the written approval of any one member of the Committee on Finance, he shall have full authority to sell and transfer, invest and reinvest from time to time in such manner and upon such terms as shall to him seem best, the whole or any part of the personal property of the said Academy.

He shall keep a faithful account of all receipts and expenditures, submit his accounts annually to the Auditing Committee, and render them at the expiration of his term of office, or whenever required to do so by the Academy or the Council.

He shall keep separate accounts of the income of the Rumford Fund, and of all other special Funds, and of the appropriation thereof, and render them annually.

He shall fund all payments received in commutation of Dues, their income only to be applied toward current expenditures.

His accounts shall always be open to the inspection of the Council.

ARTICLE 2. He shall report annually to the Council at its March meeting on the expected income of the various Funds and from all other sources, together with appropriations needed by Officers and Standing Committees for the ensuing fiscal year. He shall also report the names of all Fellows who may be then delinquent in the payment of their Annual Dues.

ARTICLE 3. He shall give such security for the trust reposed in him as the Academy may require.

ARTICLE 4. With the approval of a majority of the Committee on Finance, he may appoint an Assistant Treasurer to perform his



duties, for whose acts, as such assistant, he shall be responsible; or, with like approval and responsibility, he may employ any Trust Company doing business in Boston as his agent for the same purpose, the compensation of such Assistant Treasurer or agent to be fixed by the Committee on Finance and paid from the Funds of the Academy.

ARTICLE 5. At the Annual Meeting he shall report in print all his official doings for the preceding year, stating the amount and condition of all the property of the Academy entrusted to him, and the character of the investments.

ARTICLE 6. The Financial Year of the Academy shall begin with the first day of April.

ARTICLE 7. No person or committee shall incur any debt or liability in the name of the Academy, unless in accordance with a previous vote and appropriation therefor by the Academy or the Council, or sell or otherwise dispose of any property of the Academy, except cash or invested funds, without previous consent and approval of the Council.

*See Chap. ii, art. 2, 6, 7, 8; chap. iv, art. 1; chap. vi, art. 4; chap. ix, art. 6; chap. xi, art. 1 (i), (iv), (v), art. 2; chap. xii, art. 1.*

## CHAPTER VIII

### THE LIBRARIAN AND THE LIBRARY

ARTICLE 1. The Librarian shall have charge of the Library and keep a correct catalog of it.

ARTICLE 2. The Librarian shall have authority to expend such sums as may be appropriated by the Academy for the purchase, repair, or maintenance of books, periodicals, etc., and for defraying other necessary expenses connected with the Library.

ARTICLE 3. The Librarian shall have the custody of the publications of the Academy. With the advice and consent of the President, he may effect exchanges with other associations.

*See Chap. iv, art. 1; chap. xi.*

## CHAPTER IX

## THE EDITOR AND THE PUBLICATIONS

ARTICLE 1. The Editor shall have charge of the conduct through the press of the publications of the Academy. Together with the Committee on Publication he shall determine the contents of the publications.

ARTICLE 2. The publications of the Academy shall be as follows:

(i) The Proceedings shall be published at least semi-annually as soon as may be possible after the Annual May Meeting, and the stated December meeting next following, and shall contain a record of each stated or special meeting of the Academy. They shall be known respectively as the Summer and Winter numbers of the Proceedings.

The Summer number of the Proceedings shall include reports of the officers and standing committees for the preceding year; a list of the officers, councillors and members of standing committees elected at the preceding Annual Meeting; and such other matter as the Publication Committee may approve.

The Winter number of the Proceedings shall include a current list of officers, councillors, standing committees, Fellows and Foreign Honorary Members; the Statutes of the Academy; the Act of Incorporation of 1780 and its amendments; and such biographical notices or other matter as the Committee on Publication may approve.

In the discretion of the Committee on Publication, interim numbers of the Proceedings may be issued for the publication of accepted serial papers or other scholarly material.

(ii) Memoirs, monographs and volumes of collected papers may be published from time to time.

(iii) The Bulletin of the American Academy of Arts and Sciences shall be published eight times each year preceding the stated meetings, containing notices of such meetings, communications from the Council or Officers, and such other matter as may be of timely interest to the Fellows.

ARTICLE 3. A copy of the Summer and Winter numbers of the Proceedings shall be mailed to each Fellow, Fellow Emeritus, and Foreign Honorary Member.

A copy of the Bulletin shall be mailed to each Fellow and Fellow Emeritus, and Foreign Honorary Member.

A copy of any Interim number of the Proceedings shall be mailed only to those Fellows, Fellows Emeriti, and Foreign Honorary Members, who shall make written request to the Secretary for that number.

ARTICLE 4. Fellows who pay Annual Dues or who are exempted from further payment thereof under Chapter II, Article 7, Fellows Emeriti, and Foreign Honorary Members shall be entitled, upon written request to the Librarian, to receive gratis one copy of each number of Proceedings, Memoirs, and Bulletin which have been issued after their election and are available.

ARTICLE 5. Not more than two hundred extra copies of each paper printed in the Proceedings shall be placed at the disposal of the author without charge.

ARTICLE 6. The Editor shall have the authority to expend for printing and other expenses of publication such sums as may be appropriated by the Academy for such purposes; also such sums as may be made available to him by the Council from any source for particular publications under the sponsorship of the Academy.

*See* Chap. iv, art. 1; chap. xi, art. 1 (vi).

## CHAPTER X

### THE COUNCIL

ARTICLE 1. The Council shall exercise general supervision over all affairs of the Academy not explicitly reserved to the Academy as a whole.

It shall consider all nominations of Fellows and Foreign Honorary Members duly sent to it by the Committee on Membership, and act upon them in accordance with the provisions of Chapter III.

With the consent of the person concerned it shall have power to transfer in respect to status, Class, or Section.

ARTICLE 2. Nine members shall constitute a quorum.

ARTICLE 3. It shall act upon all resignations and forfeitures of membership in the Academy.

It shall appoint all agents and subordinates not otherwise provided for by the Statutes, prescribe their duties, and fix their compensation. They shall hold their respective positions during the pleasure of the Council.

It shall fill any vacancy caused by death, resignation or incapacity of any officer.

ARTICLE 4. It may authorize the appointment for terms not exceeding one year, and prescribe the functions of such committees of its number or of the Fellows of the Academy, as it may deem expedient, to facilitate the administration of the affairs of the Academy or to promote its interests.

ARTICLE 5. At the stated March meeting of the Academy it shall recommend for action at that meeting the appropriations which in its opinion should be made for the ensuing fiscal year, and the Annual Dues therefor.

It may recommend special appropriations at any Stated Meeting of the Academy, or at a Special Meeting, in the call for which such business shall have been included.

See Chap. ii, art. 2, 10; chap. iii, art. 1, 2; chap. iv, art. 1, 2; chap. v, art. 2, 3; chap. vi, art. 2, 3; chap. vii, art. 1, 2, 7; chap. ix, art. 6; chap. xi, art. 1; chap. xii, art. 1, 4, 6.

## CHAPTER XI

### STANDING COMMITTEES

ARTICLE 1. At each Annual Meeting, the following Standing Committees shall be perpetuated by election by ballot by the Fellows of the appropriate number of nominees to maintain the strength of each committee as provided hereinbelow. A Fellow shall not be eligible for election for two successive terms.

(i) *The House Committee* shall consist of three Fellows, one of whom shall be elected at each Annual Meeting to serve for a term of three years. One member of this committee shall in such an

election be designated by the electors to serve as Chairman of the House Committee for the duration of the term for which he has been elected as a member of the committee. It shall have general charge of maintaining the House of the Academy in suitable condition for the uses thereof approved by the Council.

The Chairman of the House Committee or his designate shall approve in writing all expenditures within its authorized budget or special appropriations for repairs, services, supplies, or operation of the House, including compensation of House employees.

The House Committee, in consultation with the Treasurer, shall determine the equitable proportion of expense to be assessed for the use of the facilities of the House which have been approved by the Council for other than Academy activities.

(ii) *The Committee on Membership* shall consist of the President, *ex officio*, as Chairman, and eight other Fellows, one of whom from each of the four Classes shall be elected annually to serve for a term of two years. It shall have the duties designated to it in Chapter III.

(iii) *The Committee on Meetings* shall consist of the President as Chairman, the Secretary, who shall act as secretary of the committee, and the four Vice-Presidents, *ex officio*, together with four other Fellows, one from each Class, two of whom shall be elected annually to serve for a term of two years. It shall arrange for meetings of the Academy.

(iv) *The Committee on Finance* shall consist of the Treasurer as Chairman, *ex officio*, and four other Fellows, two of whom shall be elected annually to serve for a term of two years. It shall have general supervision of the investments of the Academy.

(v) *The Auditing Committee* shall consist of two Fellows, one of whom shall be elected annually to serve for a term of two years. It shall audit the accounts of the Treasurer with power to employ an expert and to approve the payment of his charges.

(vi) *The Committee on Publication* shall consist of the Editor as Chairman, *ex officio*, and four other Fellows, one from each Class, two of whom shall be elected annually to serve for a term of two years. It shall have the authority and the responsibility of determining the contents and of effecting the printing of the publications of the Academy as set forth in Chapter IX.

(vii) *The Permanent Science Fund Committee* shall consist of seven Fellows of whom there shall be elected at Annual Meetings in each triennium, respectively, two, two, and three members, each to serve for a term of three years. One member of this Committee shall, in such an election, be designated by the electors to serve as Chairman for the duration of the term for which he has been elected as a member of the Committee. It shall review all applications for grants addressed to it and shall from time to time recommend to the Council appropriate disbursements from the income received by the Academy from the Trustee of the Permanent Science Fund, for carrying out the purposes set forth in the Agreement and Declaration of Trust which governs the use of this income.

(viii) *The Rumford Committee* shall consist of seven Fellows of whom there shall be elected at Annual Meetings in each triennium, respectively, two, two, and three members, each to serve for a term of three years. One member of this Committee shall, in such an election, be designated by the electors to serve as Chairman for the duration of the term for which he has been elected as a member of the Committee. It shall invite applications for pecuniary assistance in support of researches in the general fields of heat and light broadly interpreted, and shall from time to time recommend to the Council disbursements in support thereof from the income from the Rumford Fund. Biennially it shall recommend to the Council a candidate for the reception of the Rumford Medal to be awarded in accordance with the Rumford trust, and shall in general see to the proper execution of this trust.

(ix) *The C. M. Warren Committee* shall consist of seven Fellows of whom there shall be elected at Annual Meetings in each triennium, respectively, two, two, and three members, each to serve for a period of three years. One member of this Committee shall, in such an election, be designated by the electors to serve as Chairman for the duration of the term for which he has been elected as a member of the Committee. It shall invite applications for pecuniary assistance from any person wishing to engage in research in any branch of chemistry, and shall recommend to the Council such applications as seem worthy of aid and such other disbursements from the income of the C. M. Warren Fund as it

deems appropriate to the advancement of research in chemistry.

(x) *The Amory Prize Committee* shall consist of seven Fellows, each of whom shall serve from the time of his election until his successor is elected. Immediately after the Annual Meeting in 1950 and at least every seventh year thereafter it shall at the call of its senior officer, meet and elect from its own members, a chairman and a secretary, each to serve for seven years or until his successor is elected in a similar manner at an interim meeting at which at least five members shall cast their votes. For each septennium beginning with that which was concluded on November 10, 1933, it shall recommend to the Council for its approval a recipient or recipients of the Amory Prize and a gold medal or other token of honor and merit to be conferred upon each by the President and Fellows of the Academy in recognition of an invention or other contribution in the medical field specified in and according to the terms of the bequest of Francis Amory.

(xi) *The Nominating Committee* shall consist of twelve Fellows, three from each Class, having the right to vote. The members of the first Nominating Committee constituted hereunder shall be appointed within each Class by the President for terms of one, two and three years. The President shall also appoint one of the Committee to act as Chairman. Thereafter, as vacancies in the membership of the Committee occur, four members, one from each Class, shall be elected annually to serve for a term of three years, one member at such election being designated to act as Chairman for the duration of the term for which he has been elected as a member of the Committee. Nominations for such elections, within each Class, shall be by a vote of the Committee.

ARTICLE 2. Each Standing Committee shall confine its recommendations and its expenditures to such sum in each fiscal year as shall have been notified to its Chairman by the Secretary of the Academy as appropriations voted by the Academy, or by the Treasurer as income available for its purposes.

ARTICLE 3. Each Standing Committee shall report to the Academy at the Annual Meeting its acts of the previous year.

See Chap. iii; chap. iv, art. 1, 3; chap. vi, art. 4; chap. vii, art. 1, 2, 4; chap. ix, art. 1, 2.

## CHAPTER XII

## MEETINGS, COMMUNICATIONS, AND AMENDMENTS

ARTICLE 1. There shall be annually eight Stated Meetings of the Academy, namely, on the second Wednesday of October, November, December, January, February, March, April, and May. Only at these meetings, or at adjournments thereof regularly notified, or at Special Meetings called for the purpose, shall appropriations of money be made or amendments of the Statutes be effected.

The Stated Meeting in May shall be the Annual Meeting of the Corporation.

Special Meetings shall be called by the Secretary at the request of the President, of the Council, or of ten Fellows having the right to vote; and notifications thereof shall state the purpose for which the meeting is called.

The Council shall have authority, as occasion may demand, to arrange additional meetings and to cancel any of the statutory meetings, except that meetings for transacting business shall be held as required by the Statutes.

ARTICLE 2. Except as otherwise provided, twenty-five Fellows having the right to vote shall constitute a quorum for the transaction of business at Stated or Special Meetings. Eighteen Fellows shall be sufficient to constitute a meeting for literary or scientific communications and discussions.

ARTICLE 3. Upon the request of the presiding officer or the Secretary, any motion or resolution offered at any meeting shall be submitted in writing.

ARTICLE 4. Fellows may introduce guests at any of the literary or scientific meetings of the Academy.

ARTICLE 5. All amendments to the Statutes, whether proposed by Fellows or by the Council, shall be considered by the Council and reported with recommendations for action to the Academy. At a subsequent Stated Meeting, or at a Special Meeting called for the purpose, the notice for which in either case shall state this proposed amendment, the Academy shall act upon the amendment. Two-thirds of the Fellows present, in a meeting of not less



than forty Fellows, must vote in the affirmative to enact the amendment.

See Chap. ii, art. 6, 10; chap. iii, art. 1, 2; chap. iv, art. 1, 3, 4, 5; chap. v, art. 1; chap. vi, art. 2, 3; chap. vii, art. 2, 5; chap. ix, art. 2; chap. x, art. 5; chap. xi, art. 1, 3.

## CHARTER OF INCORPORATION

*An Act to incorporate and establish a Society for the cultivation and promotion of Arts and Sciences. Granted May 4, 1780, by an Act of the Legislature of Massachusetts, and amended by the Acts of 1910, 1911, 1931, and 1947.*

As the Arts and Sciences are the foundation and support of agriculture, manufactures, and commerce; as they are necessary to the wealth, peace, independence, and happiness of a people; as they essentially promote the honor and dignity of the government which patronizes them; and as they are most effectually cultivated and diffused through a State by the forming and incorporating of men of genius and learning into public societies for these beneficial purposes.

*Be it therefore enacted by the Council and House of Representatives in General Court assembled and by the authority of the same, that [sixty-two persons]<sup>1</sup> be, and they hereby are formed into, constituted, and made a body politic and corporate, by the name of THE AMERICAN ACADEMY OF ARTS AND SCIENCES, and that they, and their successors, and such other persons as shall be elected in the manner hereafter mentioned, shall be and continue a body politic and corporate, by the same name forever.*

*And be it further enacted by the authority aforesaid, that the Fellows of the said Academy may from time to time elect a President, one or more Vice-Presidents, one or more Secretaries, and such other officers of the said Academy as they shall judge necessary or convenient; and they shall have full power and authority from time to time to determine and establish the names, number, and duties of their several officers, and the tenure or estate they shall respectively have in their offices; and also to authorize and*

<sup>1</sup>For the names of the Fellows incorporated, see *Memoirs*, Vol. XI, Part I, pp. 33, 34.

empower their President, or some other Fellow of the Academy, at their pleasure, to administer such oaths to such officers as they shall appoint and determine, for the well-ordering and good government of the said Academy, provided the same be not repugnant to the laws of this State.

*And be it further enacted by the authority aforesaid*, that the Fellows of the said Academy shall have one Common Seal, which they may make use of in whatsoever cause or business shall concern the Academy, or be relative to the end and design of its institution; and shall have power and authority from time to time to break, change, and renew the Common Seal, at their pleasure; and that they may sue and be sued, in all actions, real, personal, and mixed, and prosecute and defend the same unto final judgment and execution, by the name of the President and Fellows of the American Academy of Arts and Sciences.

*And be it further enacted by the authority aforesaid*, that the Fellows of the said Academy may from time to time elect such persons to be Fellows thereof, as they shall judge proper, and that they shall have full power and authority from time to time to suspend, expel, or disfranchise any Fellow of the said Academy who shall by his conduct render himself unworthy of a place in that body, in the judgment of the Academy; and also to settle and establish the rules, forms, and conditions of election, suspension, expulsion, and disfranchisement.

*And be it further enacted by the authority aforesaid*, that the Fellows of the said Academy shall have full power and authority from time to time to make and enact such reasonable rules, orders, and bylaws, not repugnant to the laws of this State, as shall be necessary or convenient for the well-ordering and good government of the said Academy, and to annex reasonable pecuniary fines and penalties to the breach of them, not exceeding the sum of *twenty pounds*, to be sued for and recovered in any court of record within this State, in the name and for the use of the President and Fellows of the said Academy; and the same rules, orders, and bylaws to repeal at their pleasure; and also to settle and establish the times, places, and manner of convening the Fellows of the said Academy; and also to determine the number of Fellows which shall be present to constitute a meeting of the said Academy.

*Provided*, that the Fellows of the said Academy shall meet twice in a year at the least; and that the place of their meeting shall never be more than thirty miles distant from the town of Boston.

*And be it further enacted by the authority aforesaid*, that the Fellows of the said Academy may, and shall forever hereafter, be deemed capable in the law, of having, holding, and taking in fee-simple, or any less estate, by gift, grant, devise or otherwise, any lands, tenements or other estate real and personal. *Provided*, that the said real estate shall not exceed in value the sum of *two hundred thousand dollars*, and the said personal estate shall not exceed in value the sum of *five hundred thousand dollars*, all the sums mentioned in the preceding section of this act to be valued in silver at the rate of *six shillings and eightpence* by the ounce. And the annual interest and income of the said real and personal estate, together with the fines and penalties aforesaid, shall be appropriated for premiums to encourage improvements and discoveries in agriculture, arts, and manufactures, or for other purposes consistent with the end and design of the institution of the said Academy as the Fellows thereof shall determine.

*And be it further enacted by the authority aforesaid*, that the end and design of the institution of the said Academy is, to promote and encourage the knowledge of the antiquities of America, and of the natural history of the country, and to determine the uses to which the various natural productions of the country may be applied; to promote and encourage medical discoveries; mathematical disquisitions; philosophical inquiries and experiments; astronomical, meteorological, and geographical observations; and improvements in agriculture, arts, manufactures, and commerce; and, in fine, to cultivate every art and science which may tend to advance the interest, honor, dignity, and happiness of a free, independent, and virtuous people.

*And it is further enacted*, that the place where the first meeting of the Fellows of the said Academy shall be held shall be the Philosophy Chamber in the University of Cambridge; and that the Honorable James Bowdoin, Esq., be, and he hereby is authorized and empowered to fix the time for holding the said meeting, and to notify the same to the Fellows of the Academy.



